

PRAGMATIC WORKS

ON-DEMAND LEARNING

Total Courses: 163

Total Hours: 652 hrs

[Power BI \(44 Courses | 194 hrs\)](#)

****New** Building Data Literacy: Skills for the Information Age (1 hr)**

This comprehensive course empowers individuals to navigate and excel in a data-dominated world. Gain proficiency in collecting, interpreting, and communicating insights from data.

****New** Power BI Calculation Groups (1 hr)**

Master Calculation Groups in Power BI: Aggregations, time intelligence, role-playing tables, and dynamic calculations. Dive deep into data analysis and visualization!

****New** Power BI Subscriptions (1 hr)**

This targeted course is designed for business analysts, data professionals, and workspace administrators interested in setting up automated deliver of Power BI reports and dashboards to your email inbox.

Advanced Data Modeling with Power BI (5 hrs)

This course covers DAX formulas, data model design impacts, calculated columns, measures, and design patterns in data modeling.

Advanced Data Shaping With Power BI (2 hrs)

Learn to use Power BI Desktop for data import and shaping from various sources. Understand data models, effective schemas, Power Query M language, query creation, parameters, and query organization.

Advanced Data Visualizations with Power BI (5 hrs)

Master Power BI report layouts and agile creation of data visualizations. Learn the art of visuals, chart selection implications, impact of color, shape, size, and usage of custom visuals.

Advanced DAX (5 hrs)

Advanced DAX course builds on basic DAX, exploring complex concepts like evaluation context, security, and advanced functions to help students understand DAX logic.

Advanced Power BI (11 hrs)

Beyond basic Power BI, this course uncovers advanced features and uses of R and M languages for data extraction and transformation, tackling complex data modeling scenarios.



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AI (Artificial Intelligence) with Power BI (2 hrs)

Learn to leverage Microsoft's AI features in Power BI, including AI Insights and AI visuals, for enhanced data preparation and interactive, direct insights.

Beginner Power BI (9 hrs)

Embark on your Power BI journey with this beginner-friendly class. Learn data querying, modeling, and visualization using Power BI Desktop. Then deploy and access solutions on the Power BI Service from any device.

Copilot in Power BI (1 hr)

Copilot in Power BI is an AI tool that helps you create reports and write DAX automatically. It can also create narrative visuals that generates a summary of your report using generative AI.

Dashboard in a Day (5 hrs)

Discover Power BI's analytics via this course by Microsoft & Pragmatic Works, exploring live dashboards, interactive reports, and mobile data access for compelling analysis.

Data Storytelling with Power BI (6 hrs)

Dive into Power BI's standout storytelling capabilities like bookmarks, tooltip report pages, and drillthrough filters for interactive reports in this advanced design course.

DAX for Paginated Reports (3 hrs)

Learn how to work with DAX inside of Power BI Paginated Reports to effectively create datasets and use parameters successfully.

Incremental Refresh in Power BI (1 hr)

This comprehensive course explores the concept of incremental refresh, a crucial technique for handling large and frequently updated datasets.

Intermediate Power BI (8 hrs)

Build upon Power BI Beginner concepts with an in-depth exploration of Power Query, M language, data modeling, DAX, advanced visuals, interactive reports, and utilizing the full potential of the Power BI Service.



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Introduction to DAX (6 hrs)

Intro to DAX course teaches DAX fundamentals and advanced functions, empowering you to enhance Power BI or Tabular data models with complex calculations.

Introduction to Paginated Reports (10 hrs)

Learn to create, design, and publish professional reports with Microsoft's Paginated Reports. Enhance data visualization for business analysis and decision-making in this introductory class.

Introduction to Power BI (21 hrs)

Get updated on Power BI: learn data querying, organization into a data model with relations and calculations, and visualize results using various charts. Uses Power BI Desktop for solutions deployed to the Power BI Service.

Introduction to Power BI Datamarts (2 hrs)

Explore Power BI Datamarts, a preview feature in the Power BI Service, understanding its usage, licensing, and updates as the technology becomes widely available.

Learn with the Nerds - Beginner Power BI DAX Functions Tutorial (Recorded Live Event) (2 hrs)

Explore the intuitive DAX language for extending data models. Cover fundamentals, row context, CALCULATE function, and context transition. Ideal for developers seeking analytical capabilities!

Learn with The Nerds - Conquering PL-300: Power BI Data Analyst Certification (Recorded Live Event) (1 hr)

Whether you're a seasoned pro seeking the certification or a curious beginner eager to dive into the world of data analytics, this event has something for everyone!

Learn with the Nerds - Data Modeling for Power BI (Recorded Live Event) (2 hrs)

Learn vital Power BI data modeling fundamentals including Star Schema, fact and dimension building, relationships, role-playing tables, and calculation groups, bypassing complexities.

Learn with the Nerds - DAX Made Easy - Visual Calculations in Power BI (Recorded Live Event) (1 hr)

Learn how to leverage visual calculations to streamline DAX in Power BI. Mitchell will explore this new capability, providing participants with a clear understanding of its functionality and potential applications. Emphasis will be



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Learn with the Nerds - Excel to Power BI (Recorded Live Event) (2 hrs)

Excel's reign in data analytics continues, but Power BI offers a more interactive, visually rich experience with superior analytics and reporting features.

Learn with the Nerds - Power BI Administration (Recorded Live Event) (2 hrs)

Dive into crucial Power BI Administration for successful organizational implementation, discussing licensing, workspace management, Apps, data refreshing, security, and auditing.

Learn with the Nerds - Power BI Beginner to Pro (Recorded Live Event) (2 hrs)

This free class for Power BI beginners covers data loading, basic DAX, and data visualization. Power BI is an all-in-one tool that connects, shapes data, and aids decision-making.

Learn with the Nerds - Power BI Dataflows (Recorded Live Event) (3 hrs)

Dive into Power BI Dataflows for scalable ETL in Power BI Service, acting as a single truth source to support BI goals and understanding Common Data Model and Azure Data Services integration.

Learn with the Nerds - Understanding DAX Concepts With Power BI (Recorded Live Event) (2 hrs)

DAX enhances data model analytics with an easy learning curve. This 3-hour session covers fundamentals, tricky concepts like row context, CALCULATE function, and context transition.

Mobile Mastery with Power BI (1 hr)

Mobile Mastery with Power BI is a class equipping learners to utilize Power BI on mobile devices, focusing on creating engaging, interactive mobile-specific reports and dashboards.

Modern Excel Analyst in a Day (5 hrs)

The workshop explores advanced Excel capabilities, integration of Excel with Power BI, Microsoft Teams & SharePoint Online, empowering Modern Excel analysts.

Paginated Reports in a Day (8 hrs)

Explore Paginated Reports in Power BI for pixel-perfect, printable reports, unifying self-service and enterprise reports for secure, enterprise-wide access. Class covers report layout design.



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PL-300: Microsoft Power BI Data Analyst Review (9 hrs)

Journey through the world of data analysis with our PL-300 Microsoft Power BI Data Analyst review course! Conquer the exam and become a certified Power BI Data Analyst with hands-on exercises and interactive challenges.

Power BI Custom Visuals (21 hrs)

Learn to use Power BI Custom Visuals from the community-created gallery in this video series. Master each available custom visual for a tailored BI experience.

Power BI Dataflows (1 hr)

Discover Power BI dataflows for scalable ETL in Power BI Service, acting as a single truth source to support BI goals and understanding Common Data Model and Azure Data Services integration.

Power BI for Finance: Mastering Power BI for Financial Insights (3 hrs)

Unlock the full potential of financial data with our Power BI for Finance class. Empower finance professionals, analysts, and decision-makers to harness Power BI's capabilities and transform raw financial data into actionable insights.

Power BI for the Consumer (1 hr)

This Power BI for the Consumer course teaches individuals to effectively consume and interpret data visualizations. Learn to navigate the Power BI Service, interact with reports and dashboards, and gain insights from data in a business context.

Power BI Report Server Administration (2 hrs)

Learn to plan non-cloud Power BI architecture with Power BI Report Server. While offering flexibility, it requires administration. This class aids non-cloud Power BI understanding.

Power BI Security (3 hrs)

Crucial for Power BI enterprise setup is data level security. Without it, usage may be restricted. Power BI's built-in row level security ensures data privacy. This course covers setup for varying security scenarios.

Power BI Service Administration (4 hrs)

This course outlines critical Power BI Administration & Governance for successful deployment in your organization, covering topics like deployment, data refresh, security, collaboration, data governance, and auditing.



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Power BI with Azure DevOps Integration (4 hrs)

Harness the Power of Power BI and GIT Integration with Azure DevOps. Learn to seamlessly integrate version control with Git for efficient collaboration and tracking.

Power BI With Excel (3 hrs)

Boost your skills with this class, ideal for Power and Microsoft 365 users. Learn Power Query for shaping data, Power Pivot for data modeling, and present data with Excel PivotTable and PivotCharts.

Power Query for Business (4 hrs)

Explore the potential of Power Query with our hands-on course. Starting from basics to crafting M queries, learn how Power Query simplifies seemingly complex data extraction and manipulation tasks.

Universal Design in Power BI (3 hrs)

This course offers deep insights into Universal Design in Power BI, emphasizing creation of reports accessible and usable by all, irrespective of abilities.

Fabric (4 Courses | 5 hrs)

Introduction to Microsoft Fabric (2 hrs)

Microsoft Fabric is a suite of services introduced into the Power BI Service that provides an end-to-end analytic solution for you data needs. In this class we will explore, what exactly Microsoft Fabric is and who it is for.

Learn with The Nerds - Creating a Microsoft Fabric End-To-End Solution (Recorded Live Event) (1 hr)

This free class for Fabric covers data lakehouses, data ingestion, and data modeling. Fabric is an end-to-end solution for data analytics, engineering, and science in the Power BI Service.

Learn with The Nerds - Data Engineering in Microsoft Fabric (Recorded Live Event) (1 hr)

A free course on Data Engineering for Fabric covers data how to ingest and transform data into a Lakehouse using Data Factory Pipelines and Apache Spark Notebooks.

Learn with The Nerds - Power BI Developer of the Future with Fabric (Recorded Live Event) (1 hr)

In this session, we will show that there is nothing to be scared of when it comes to Fabric, and once you embrace what it has to offer you will unlock the highest level of performance your reports could have.



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[Power Apps \(16 Courses | 62 hrs\)](#)

****New** Power Platform For Educators (4 hrs)**

Unlock the potential of Power Platform by learning to build apps, automate workflows, and analyze data using its intuitive low-code tools in an education use case.

App in a Day (6 hrs)

As a business leader, react swiftly to market changes without coding. Microsoft Power Platform lets you build efficient business apps, meeting your needs without reliance on developing software solutions.

App In A Snap: Culture Shoutout App (3 hrs)

In this course, learn how to develop a canvas app from the ground up. The application you build will be used to allow internal employees of your organization to promote one another in a positive work-culture environment.

App In A Snap: Park Inspection (2 hrs)

In this course, you will learn how to develop a canvas app from the ground up. The application you build will be used for handling park inspections. This app framework could be used for any kind of inspection process.

App In A Snap: Project Proposal and Purchase Approval App (2 hrs)

In this course, you will learn how to develop a model driven app from the ground up. The application you build will be used for logging projects and the proposals that come in for those projects by different companies and vendors.

Building Microsoft Power Platform Solutions (7 hrs)

Power BI, Power Apps, and Power Automate offer great business capabilities. Learn to design apps with Power Apps, automate tasks with Power Automate, and implement reporting with Power BI in this Power Platform class.

Building Solutions In Dataverse (8 hrs)

Microsoft Dataverse, the backbone of Dynamics 365 & Power Platform, is revolutionizing app development globally. It securely stores and manages data in standard or custom tables for business applications.

Introduction to Canvas Apps with Power Apps (6 hrs)

Intimidated by building applications? Power Apps is your solution! No coding skills needed. Leverage your existing skills to become a Citizen Developer. Watch this course and start building your own apps confidently!



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Learn with the Nerds - Building Your First Canvas Power App (Recorded Live Event) (2 hrs)

Build your first Canvas Power Apps with ease! Learn essential low-code functions, and master sharing applications. This video provides a step-by-step guide for creating your initial Power Apps.

Learn with the Nerds - Power Apps Beginner to Pro (Recorded Live Event) (2 hrs)

Learn to create apps without coding using Microsoft Power Apps. Create a Dataverse table, build a canvas app with drag-and-drop elements, and generate a model-driven app.

Learn with The Nerds - Power Apps Live Hackathon (Recorded Live Event) (2 hrs)

Explore Power Apps by creating an engaging request apps using Dataverse. Craft tables, build model-driven admin apps, and dynamic canvas apps for seamless request management.

Learn with the Nerds - Power Platform Copilot and AI Builder (Recorded Live Event) (1 hr)

In this class you will learn how Power Platform co-pilot and AI Builder can help you transform low-code development and data analysis with conversational AI.

Learn with the Nerds - Power Platform for Teams (Recorded Live Event) (2 hrs)

Discover the 2GB Dataverse space per team. Join Brian Knight to learn building end-to-end solutions with Power Apps and Power Automate. Bring your own Team for an interactive session!

PL-900: Microsoft Power Platform Fundamentals Review (5 hrs)

Prepare for the PL-900 certification exam with our course on the fundamentals of the Microsoft Power Platform. Learn to leverage Power Apps, Power Automate, Power BI, and Copilot Studio to drive business value.

Power Apps - Problem, Design, Solution (5 hrs)

Enhance your Power Apps skills through real-world problem-solving! The Problem, Design, Solution course immerses you in practical scenarios, teaching how Power Apps tackles genuine business problems effectively.

Power Platform For Teams (5 hrs)

This course shows how to utilize various Power Platform features in Teams including: Dataverse , Power Apps, Power Automate, Power Virtual Agents, and Power BI



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[Power Pages \(2 Courses | 6 hrs\)](#)

****New** Power Pages in a Day (2 hrs)**

With Power Pages, anyone can build an enterprise trusted and secure low-code website quickly. Learn how to leverage low code application building and incorporating your Dataverse data.

Introduction to Power Pages (4 hrs)

Master building Power Pages sites from scratch! Explore forms, data display, and security using Dataverse. Create secure websites with ease, customize styling, and implement JavaScript business rules in this comprehensive course.

[Power Automate \(6 Courses | 31 hrs\)](#)

Advanced Power Automate (8 hrs)

Unlock the full potential of Power Automate! This class takes you beyond the basics, teaching dynamic flow building, complex recurring flows, and integration with other products. Expand your automation capabilities now!

Automation in a Day (10 hrs)

Learn Desktop and Cloud flows using Microsoft Power Automate. Complete lab exercises to build an end-to-end business scenario, automating invoice processing with Power Automate.

Introduction to Power Automate (4 hrs)

Empower yourself as a citizen developer with Power Automate! Join our class to explore its inner workings, implement automation in your environment, and simplify your life with streamlined workflows.

Introduction to RPA with Power Automate Desktop (5 hrs)

Discover Robotic Process Automation with Power Automate Desktop in this introductory course. Learn to use the desktop and web recorder, along with common actions and options, to automate tasks effectively.

Learn with the Nerds - Power Automate Beginner to Pro (Recorded Live Event) (2 hrs)

Power Automate empowers Citizen Developers to automate workflows in the cloud/on-premises, freeing up valuable time. Automate tedious tasks and focus on strategic work for greater organizational impact.

Learn with the Nerds - RPA with Power Automate Desktop (Recorded Live Event) (2 hrs)

In this Learn With The Nerds webinar, you will learn how you can use Microsoft Power Automate Desktop to automate repetitive and mundane tasks.



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[Copilot Studio \(2 Courses | 7 hrs\)](#)

****New** Introduction to Copilot Studio (3 hrs)**

Introduction to Copilot Studio: A dynamic course for all skill levels, empowering you to fully leverage Copilot Studio's capabilities, whether you're a developer or a beginner.

Copilot Studio in a Day (4 hrs)

Copilot Studio in a Day is for anyone to learn how to develop next-gen conversational assistants using Microsoft Copilot Studio. The course includes hands-on lab exercises to build modern copilot experiences for any scenario.

[Microsoft 365 Copilot \(9 Courses | 7 hrs\)](#)

Copilot in Microsoft Excel (1 hr)

Learn to use Copilot, an AI-powered assistant integrated into Excel, to enhance productivity and efficiency. Discover how Copilot can help with data analysis, formula creation, and chart generation.

Copilot in Microsoft OneNote (1 hr)

Learn how Copilot's AI integration with OneNote can unleash your creativity, unlock productivity, and uplevel your skills. Discover how it works alongside you to help you achieve more.

Copilot in Microsoft Outlook (< 1 hr)

Discover how Copilot and Microsoft Outlook can help you draft and summarize emails more efficiently. Boost your productivity with these powerful Copilot integrations

Copilot in Microsoft PowerPoint (< 1 hr)

Discover the power of Microsoft Copilot and its integration into PowerPoint. Learn how to use Copilot to enhance your presentations, unleash creativity, and streamline your PowerPoint development.

Copilot in Microsoft Teams (1 hr)

Learn about Copilot, an AI helper in Microsoft's ecosystem. Discover how it integrates with Teams, its dedicated app, and its capabilities like live recaps, note-taking, and chat generation. Get tips for using Copilot effectively.

Copilot in Microsoft Whiteboard (< 1 hr)

Learn about the integration of Copilot and Microsoft Whiteboard. Enhance your productivity and creativity with these powerful tools.



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Copilot in Microsoft Word (1 hr)

Learn to use Copilot in Microsoft Word to streamline your writing process and improve productivity. Copilot combines AI and Microsoft Graph data to turn your words into a powerful tool.

Learn with the Nerds - Copilot for Microsoft 365 Workshop (Recorded Live Event) (1 hr)

Discover how Copilot can assist you with various tasks in Microsoft 365 applications, including Word, Excel, PowerPoint, Outlook, Teams, and more.

Prompt Engineering with Copilot (2 hrs)

Prompt Engineering with Copilot teaches how to communicate with the AI-powered assistant, Copilot. Learn to craft prompts for personalized assistance, unleash creativity, and uplevel skills.

Azure (25 Courses | 112 hrs)

****New** AZ-900: Azure Fundamentals Review (5 hrs)**

Dive into our AZ-900 course to master Azure Fundamentals. Engage in hands-on learning and interactive challenges to ace your certification exam!

****New** Azure DevOps for Users (1 hr)**

Gain insights into DevOps with Azure DevOps. This course teaches you to differentiate elite from low performers, navigate Azure DevOps services, and manage agile projects with epics and sprints, catering to all skill levels.

****New** DP-900: Azure Data Fundamentals Review (2 hrs)**

Boost your Azure skills with our DP-900 Exam prep! Engage in hands-on learning, gain insights, and master Azure Data. Pass the DP-900 with flying colors!

****New** Introduction to Azure Key Vault (3 hrs)**

This course provides in-depth training on managing cryptographic keys, secrets, and certificates in the cloud, including Key Vault implementation for identity management, data security, and application integration.

****New** Modern Data Warehousing with Azure Databricks (10 hrs)**

Join our Azure Databricks course to learn data ingestion, preparation, cleaning, and loading from diverse sources. Perfect for dealing with structured/unstructured, on-prem/cloud, and big data.



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Advanced Azure Data Factory (9 hrs)

Discover Azure Data Factory (ADF) in the Advanced ADF course. Learn ADF integration with Azure Key Vault, Data Lake, and SQL Database. Master Azure DevOps and CI/CD implementation for seamless integration and delivery.

Advanced Data Flows in Azure Synapse Analytics (5 hrs)

Simplify ETL with Synapse! Learn Mapping Data Flows in Azure Synapse Analytics for visual data transformations. No coding needed. Explore principles, basic JSON handling, and advanced Window transformations.

Azure Synapse Analytics (Setup) (< 1 hr)

Set up Azure Synapse Analytics workspace with ARM Resource deployment. Learn to pause Dedicated SQL Pool, grant permissions on Azure Data Lake Gen 2 Storage Account for optimal workspace usage in this walkthrough.

Delta Lake in Databricks (2 hrs)

Master Delta Lake's architecture, concepts, & best practices for data management & processing. Set up and configure delta tables, seamlessly integrating into your workflows.

Introduction to Apache Spark (9 hrs)

Learn basic Apache Spark concepts, Resilient Distributed Datasets (RDDs), functional programming, SQL-based dataset operations, and program development using the Eclipse IDE.

Introduction to Azure Analysis Services (7 hrs)

Master Azure Portal navigation, create/deploy tabular data models with SQL Server Data Tools. Learn data modeling, DAX language, and administrative topics: partitions, perspectives, row level security in this class.

Introduction to Azure Data Factory (11 hrs)

Create data-driven pipelines, achieve seamless connectivity, and explore data orchestration as an alternative for managing cloud resources in this comprehensive Azure Data Factory (ADF) course.

Introduction to Azure Data Lake Store (3 hrs)

Join our class on Azure Data Lake. Get skilled in provisioning, security, Azure AD, networking, RBAC. Dive into Storage Explorer, Data Protection, cost management. Essential for Azure Data Platform mastery.



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Introduction to Azure Logic Apps (6 hrs)

Learn to build automated workflows with our Logic Apps course. From using templates in Azure Portal's App Designer to creating complex, reusable workflows from scratch, we cover the essentials quickly and efficiently.

Introduction to Azure Machine Learning Services (7 hrs)

In our data-saturated world, hidden patterns can optimize business decisions. Learning to find and use these patterns is a sought-after skill. Understand these through data science and machine learning, vital for future success.

Introduction to Azure SQL Database (5 hrs)

Learn to manage databases in Microsoft cloud, configure backups, implement security, and set up high-availability solutions in this Azure SQL Database course.

Introduction to Azure SQL Database Managed Instance (4 hrs)

Join our intro class on Azure SQL DB Managed Instance. Gain insights into its benefits, performance options, pricing, and comparison with Azure SQL DB. Decide if it's right for your organization and learn how to provision it.

Introduction to Azure Synapse Analytics (3 hrs)

This course covers deployment, data querying with serverless and dedicated SQL pools, ETL with pipelines and data flows, multi-language Notebooks, and more in a unified environment.

Introduction to the Data Lakehouse with Azure Synapse (2 hrs)

This data lakehouse course explores the concept and architecture, combining data lake and warehouse benefits. Learn to build and maintain a data lakehouse with Apache Spark, Delta Lake, and Synapse Analytics.

Learn with the Nerds - Azure Data Factory (Recorded Live Event) (2 hrs)

Join Manuel Quintana with creating data-driven pipelines. Learn about linked services, integration runtimes, datasets, and Dataflows for enterprise-scale data transformation. Direct data into your chosen Azure destinations.

Learn with the Nerds - Azure Synapse (Recorded Live Event) (2 hrs)

In our 'Learn with the Nerds' session, Mitchell Pearson guides you through Azure Synapse Analytics. Unify data warehousing, big data analytics, and data science in one platform, enhancing teamwork.



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Learn with the Nerds - Introduction to Azure Data Services (Recorded Live Event) (2 hrs)

Start your journey with Microsoft Azure through our simplified course. Learn all essentials to meet business challenges using Azure Data Services. Perfect for those new to Azure or seeking a streamlined learning experience.

Pipelines and Data Flows in Azure Synapse Analytics (5 hrs)

Join our course to simplify ETL with Azure Synapse Analytics. Cover the basics of Synapse pipelines, linked services, copy data activities, scheduling pipelines, and using Data Flows for effortless data transformations.

Serverless SQL in Azure Synapse Analytics (2 hrs)

Master serverless SQL querying in Azure Synapse Analytics! This course covers setup, creating external tables/views, retrieving data from the data lake, and performing ETL using serverless SQL.

SSIS in the Cloud (5 hrs)

Join our SSIS in the Cloud class. Learn to create SSIS packages with Azure Storage, Blob Storage, SQL DB. From creating, deploying, executing packages on-premises to leveraging Azure Data Factory's Lift and Shift, we cover it all.

Data Science (1 Courses | 8 hrs)

Introduction to R (8 hrs)

Join our virtual R programming course. Learn data analysis with R, installation of R interpreter and RStudio, usage of R packages, and unique data science features of R. Step into the world of data science with confidence.

SQL Server (19 Courses | 111 hrs)

Administering Business Intelligence (9 hrs)

SQL Server administration ranges from easy query tuning to keeping pace with BI developers using advanced features. DBAs can certainly benefit from this course.

Advanced SSAS (5 hrs)

An advanced class on SQL Server 2008/2008R2/2012/2014/2016 Analysis Services (SSAS). Learn to build scalable tier 1 SSAS solutions, utilize best practices, focus on architecture, design, scaling, making SSAS your analytics choice.

Advanced SSIS (8 hrs)

Our Advanced SSIS course, ideal for the advanced ETL developer, tackles real-world ETL challenges. Learn effective SSIS usage in your enterprise from experts. Expect comprehensive training with in-depth discussion in many areas.



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Advanced SSRS (7 hrs)

Our advanced SQL Server 2016/2017 Reporting Services (SSRS) class empowers report developers. Blend lectures with hands-on labs, learn to create complex reports using Analysis Services and custom code assemblies.

DBA Fundamentals (8 hrs)

Our foundation course provides a step-by-step SQL Server overview. Learn installation, post-configuration, maintenance plans, backup essentials, & basic SQL Server-Active Directory integration. Great for beginners.

Installing SQL Server (1 hr)

A video series on SQL Server 2022 installation, setting the stage for our classes on SQL Server utilization for data connection, SSIS packages, SSAS models. Ideal for beginners, not designed for enterprise-level installation.

Introduction to Data Modeling (6 hrs)

Enroll in our Data Modeling course to learn the pillars of effective data modeling. Explore transactional systems and dimensional modeling. Create robust data models to bolster operations and enable analytical insights through BI.

Introduction to MDX (6 hrs)

Learn MDX for SSAS in our virtual training course. Master multidimensional expressions for cube calculations, querying, and retrieving data. Elevate your enterprise analytics.

Introduction to SQL Server Window Functions (3 hrs)

Learn SQL Server window functions for data analysis: basics, syntax, examples, and applications like running totals, moving averages, and rankings. Essential for developers enhancing data analysis skills.

Introduction to SSAS Multidimensional (10 hrs)

Master SSAS in our training course. Learn development, deployment, presenting data to end users. Topics include data warehousing, methodology, cube and dimension creation, MDX querying. Elevate your enterprise analytics.

Introduction to SSAS Tabular (7 hrs)

Master basics, advanced models, DAX formulas in our intensive SSAS Tabular course. Create, deploy tabular data models with SQL Server Data Tools. Empower data analysts, decision-makers with ad-hoc reporting.



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Introduction to SSIS (7 hrs)

Gain expertise in design, execution, real-world application building in this SSIS class. Hands-on labs, SSIS package creation, ETL challenges. Excel in using SSIS for real-world scenarios.

Introduction to SSRS (9 hrs)

Explore design, execution environments, real-world application development in our SSRS class. Hands-on labs, projects, and key concepts like reporting, parameters, deployment covered.

Managing and Configuring SQL Server with PowerShell (8 hrs)

Learn SQL Server management with PowerShell. Automate tasks like DML, DDL, DCL, Reporting Services using cmdlets and SMO provider. Explore PowerShell DSC for system configuration and Installing/Configuring SQL Server.

Mobile Reports and Dashboards with SSRS (6 hrs)

Master SQL Server's reporting. Design, publish, secure KPIs, dashboards with integrated Datazen in Reporting Services 2016. Explore Mobile Report Publisher, upgraded Report Builder, Web Portal.

SQL Server High Availability (3 hrs)

Understand High Availability in SQL Server. Learn key terms, concepts, and Microsoft's options. Course covers explanations, demos of each option. Essential for DBAs.

SQL Server Performance Tuning (4 hrs)

Master the art and science of SQL Server performance tuning. Gain tools and knowledge to ensure efficient, reliable SQL Servers. Experience advanced tuning and optimization in your DBA work. Boost your performance tuning skills.

SQL Server Stored Procedures (2 hrs)

Our SQL Server Stored Procedures course covers creation, modification, input/output parameters, required permissions, and error handling with Try..Catch.

Working with SQL Server Views (2 hrs)

The SQL Server views course provides in-depth knowledge and practical skills for optimizing SQL Server views to enhance performance. SQL views play a vital role in simplifying data retrieval and improving query efficiency.



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T-SQL (4 Courses | 24 hrs)

Advanced T-SQL (13 hrs)

Intensive course for SQL developers: Advanced Querying with T-SQL. Real-world examples, multiple solution methods, emphasis on optimal query writing. Enhance your skills and performance optimization techniques.

Introduction to T-SQL (8 hrs)

In this Introduction to T-SQL class you'll learn database structure, querying tables, sorting, filtering results. Master multi-table queries, summary queries, data modification, logical programming.

Learn with the Nerds - Beginner to T-SQL (Recorded Live Event) (2 hrs)

Learn T-SQL, the primary language for data management. Build strong fundamentals with Mitchell Pearson's session. Quick and efficient T-SQL startup. Learn database concepts, query writing, enhance your database expertise.

Transforming Data with SQL Pivots (1 hr)

This hands-on course equips you with the skills to leverage SQL's powerful pivot functions to analyze and present data in a more concise and insightful manner.

Python (2 Courses | 7 hrs)

****New** Getting Started with PySpark in Databricks (4 hrs)**

Learn PySpark basics for big data on Databricks: read/write data, work with numbers/strings, use data frames, clean/transform data.

Introduction To Python (3 hrs)

Python, a versatile language, boosts your career with its application in web development, data analysis, machine learning, automation. No matter your level, learning Python expands your skills. Perfect for beginners and beyond.

Excel (5 Courses | 21 hrs)

Art and Science of Excel Modeling (8 hrs)

Design, maintain robust business models. Ideal for consultants, analysts, auditors, managers. Enhance creativity, cost-saving, process improvement, informed decision-making with awesome Excel models.

Building BI with Pivot Tables (6 hrs)

Master BI with Pivot Tables in our online course. Perfect for report building, summarizing large datasets efficiently. Learn data sourcing, cleaning, tabular and visual presentation for easy analysis. Level up your BI skills.



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Interactive Dashboards with Excel (5 hrs)

Master Interactive Dashboards with Excel! Ideal for data analysts, spreadsheet developers, managers. Enable quick decision-making with effective data presentation. Learn data visualization, building feature-rich spreadsheets.

Learn with the Nerds - Microsoft Excel Beginner to Pro (Recorded Live Event) (1 hr)

This hands-on tutorial teaches Microsoft Excel from beginner to pro. Learn to navigate the interface, perform fundamental tasks, use formulas, Power Query, and dashboard design to become an Excel pro.

MO-200: Microsoft Office Specialist Excel Review (1 hr)

The MO-200 Microsoft Office Specialist Excel course teaches essential skills for using Excel. Learn to create and format worksheets, manage data, create charts and graphs, and analyze data.

Teams (2 Courses | 5 hrs)

Advanced Microsoft Teams (4 hrs)

Elevate your Teams skills with our Advanced Teams course. Focus on meeting setup, processes, integration with Microsoft programs. Learn to add elements, use apps, Channel tabs, enhance meeting experience.

Microsoft Teams for the Consumer (1 hr)

Learn to navigate and collaborate effectively in Microsoft Teams. Master file sharing, communication with colleagues, and staying organized. Maximize your productivity in the Teams environment.

SharePoint (1 Courses | 2 hrs)

****New**** Introduction to SharePoint for End Users (2 hrs)

Join our "Introduction to SharePoint" course designed for users eager to boost their collaboration and data management skills.

Microsoft 365 (13 Courses | 14 hrs)

****New**** Introduction to OneNote (1 hr)

Learn to use OneNote for note-taking and organization: create notebooks, sections, pages, format content, and collaborate effectively.

****New**** Master the MS-900: Microsoft 365 Fundamentals (2 hrs)

This MS-900 overview covers concepts such as cloud concepts, Microsoft tools, security, compliance, privacy, and trust in Microsoft 365.



PRAGMATIC WORKS

ON-DEMAND LEARNING

Total Courses: 163

Total Hours: 652 hrs

****New** Mastering Microsoft Loop (1 hr)**

This course introduces Microsoft Loop, a collaborative app that integrates with Microsoft 365. Learn to create, share, and collaborate in real-time. Topics include Loop setup, content management, and integration with other Microso

****New** Microsoft Forms Mastery (1 hr)**

Master Microsoft Forms: Integrate with PowerPoint, Automate, BI. Craft & embed forms, streamline workflows, and analyze data with ease.

****New** Powerful PowerPoint: Presentation Fundamentals (2 hrs)**

This course offers an introduction to PowerPoint, emphasizing creation of presentations that are enhanced with powerful features.

Bookings Brilliance - Mastering Microsoft Bookings (1 hr)

Learn to manage appointments with Microsoft Bookings: setup, integration with Outlook/Teams, and workflow optimization.

Introduction to Microsoft Lists (1 hr)

Discover the role of Microsoft Lists in data collection tools. Learn when and why to use Lists, as well as how to create, populate, and customize them. Master data viewing options for efficient data management.

Introduction to Microsoft Outlook (1 hr)

Join our beginner-friendly course to master Microsoft Outlook's essentials. Learn to manage emails, schedule with the calendar, organize tasks, and boost your productivity effectively.

Microsoft Create (1 hr)

Unlock your creativity with Microsoft Create! Learn innovative techniques in design, templates, and productivity in this dynamic class. Microsoft Create is a comprehensive source for templates for Microsoft programs such as Word,

Microsoft Forms Fundamentals (1 hr)

The Microsoft Forms Fundamentals course teaches essential skills for using Microsoft Forms for data collection and survey creation. Learn form customization, question types, sharing, and result analysis.



PRAGMATIC WORKS

ON-DEMAND LEARNING

Total Courses: 163

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Microsoft Whiteboard (< 1 hr)

Learn how to seamlessly collaborate with team members, unleash creativity through digital ink, and implement best practices for effective use of Microsoft Whiteboard.

Plan like a Pro with Microsoft Planner (1 hr)

Learn to effectively utilize Microsoft Planner, integrate it with Microsoft Teams, and automate workflows using Power Automate. Boost collaboration, efficiency, and productivity.

Unlock Creativity with Microsoft Designer (1 hr)

Unlock your creativity with Microsoft Designer! Use the powerful AI to create a brand and then incorporate it into images and designs. This Microsoft Designer course covers all of the features currently available in the program in

Other (2 Courses | 7 hrs)

Becoming a Great Technical Trainer (2 hrs)

Enhance your training skills with our class. Learn tips and tricks from the experienced team at Pragmatic Works to deliver more effective and engaging training sessions. Transition from a consultant/developer to a great trainer.

Introduction to Powershell (5 hrs)

Learn Windows PowerShell basics, explore tools, cmdlets, PSProvider, Pipeline. Dive into domain-specific topics for Data Professionals, including DBA workloads, Reporting Services, community-built cmdlets.

Adobe Premiere (1 Courses | 2 hrs)

****New**** Introduction to Adobe Premiere Pro (2 hrs)

This class is an introduction to Adobe Premiere Pro, a video editing software. The instructor, Jeff Napolitano, will teach you the basics and some advanced features of the program through short and engaging lessons.

Project (4 Courses | 15 hrs)

Advanced Microsoft Project for the Project Management Office (5 hrs)

Learn to leverage Microsoft Project Accelerator, a comprehensive project management solution that incorporates industry standards, best practices, and Power BI reports for enhanced decision-making.

Javascript (1 Courses | 12 hrs)

Introduction to JavaScript (12 hrs)

Looking to learn a new programming language? This course teaches you how to work with JavaScript, a web based programming language used by millions of developers!



PRAGMATIC WORKS

ON-DEMAND LEARNING

Total Courses: 163

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Introduction to Microsoft Project for the Web (2 hrs)

Create project plans in Microsoft Project for the web. Add tasks, set task relationships, schedule, assign resources. Utilize Board View for Agile projects. Collaborate with Teams, Microsoft 365 Groups.

Learn with the Nerds - Microsoft Project Beginner to Pro (Recorded Live Event) (1 hr)

Dive into the world of efficient project management as we explore the key features and functionalities of Microsoft Project. Learn to streamline project planning, tracking, and management for improved organization and productivity

Microsoft Project Desktop: Beginner to Pro (7 hrs)

Learn the fundamentals and advanced features, including task and resource management, cost tracking, and report customization. Ideal for new project managers and those seeking to enhance their skills.

CertXP (10 Certification Practice Exams)

Azure AI Fundamentals

Using AI, you can build solutions, improve your apps, and advance technology in fields such as healthcare, financial management, and environmental.

Azure Data Fundamentals

The Azure Data Fundamentals certification exam tests foundational knowledge of core data concepts and how they are implemented using Microsoft Azure.

Azure Fundamentals

Whether you're new to the field or a seasoned professional, mastering the basics in Microsoft Azure can help you jump-start your career.

CompTIA IT Fundamentals

CompTIA ITF+ covers all IT fundamentals, creating a broader understanding and a helpful on-ramp to tech career pathways.

Implementing Analytics Solutions Using Microsoft Fabric

Candidates for this exam you should have subject matter expertise in designing, creating, and deploying enterprise-scale data analytics solutions.



PRAGMATIC WORKS

ON-DEMAND LEARNING

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Microsoft 365 Fundamentals

Use Microsoft 365, to deliver industry-leading productivity apps along with intelligent cloud services, and world-class security.

Microsoft Power BI Data Analyst

Achieving the Microsoft Power BI Data Analyst certification demonstrates your expertise in working with Power BI, a widely used data visualization.

Microsoft Power Platform Functional Consultant

Test your ability to configure Microsoft Power Platform, and extend platform capabilities using Power Apps and Power Automate.

Power Platform Fundamentals

Create simple Power Apps, connect data with Microsoft Dataverse, build a Power BI Dashboard, automate a process with Power Automate.

Visual Design Using Adobe Photoshop

Validate your knowledge of Adobe Photoshop, the world's most powerful imaging and design software.

