SELF-PACED DATA ANALYTICS COURSES

Online, project-based courses and learning paths designed to help individuals and teams build practical, job-ready business intelligence skills

Business Intelligence Analyst

This path is for aspiring analysts and BI professionals looking to master a powerful stack of self-service business intelligence tools, including Excel, Power BI, MySQL and Tableau.

15 Courses

148 Hours

Tools

Path Progress

45% complete

THINKING ANALYST

PIVOT TABLES

POWER BI DESKTOP

ADVANCED TABLEAU

MySQL ANALYSIS

BUSINESS INTELLIGENCE **ANALYST**

Our flagship **Business Intelligence Analyst** path is for data professionals seeking to build strong analytical thinking skills and master a powerful stack of tools including **Excel**, **Power BI**, **Tableau** & **MySQL**

16 COURSES

177 HOURS

THINKING LIKE AN ANALYST — Crash course for aspiring analysts or BI pros looking to build the foundation for a successful career

POWER BI DESKTOP — Design a full-scale BI report from scratch, and explore one of the world's leading self-service BI platforms

DATABASE ADMIN — Learn how to build, optimize, and administer relational databases using MySQL & Workbench

PIVOT TABLES — Explore and analyze data instantly with Pivot Tables & Pivot Charts, with 10 real-world case studies

POWER BI SERVICE — Take your Power BI skills to the cloud, and learn how to publish, collaborate, and share reports and data sets

MySQL ANALYSIS — Explore and analyze databases with MySQL and complete real-world assignments and projects

PIVOT TABLE PRO TIPS — Learn advanced PivotTable techniques like grouping, filtering, caching, custom sorting, and more

ADVANCED DAX — Build expert-level BI skills and solve real-world cases with advanced Data Analysis Expressions (DAX)

ADVANCED MySQL — Master advanced MySQL techniques and complete projects using a custom-built ecommerce database

ANALYTICS PRO TIPS — Sample Excel's advanced analytics tools, including forecasting, outlier detection, and simulation

TABLEAU DESKTOP — Get up to speed with Tableau Desktop, and learn how to connect, analyze and visualize raw data

CAREER LAUNCH — Step-by-step guide to launching or accelerating your analytics or business intelligence career

DASHBOARD DESIGN — Bring your data to life with dynamic Excel dashboards, and build 3 real-world projects from scratch

TABLEAU PREP — Learn how to combine, transform, clean, and prepare raw data for analysis using Tableau Prep

POWER QUERY & DAX — Build and analyze relational models using Excel's trio of self-service BI tools: Power Query, Power Pivot & DAX

ADVANCED TABLEAU — Build expert-level Tableau skills including relationships, advanced calculations, dynamic design, and more

EXCEL SPECIALIST

Our **Excel Specialist** path is for users looking to build a deep, expert-level Excel skill set, including formulas, charts, PivotTables, Power Query, dashboard design, and more
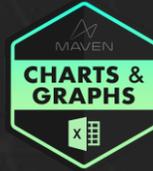
12 COURSES

88 HOURS

FORMULAS
Master 75+ formulas & functions, and learn how to transform basic Excel worksheets into dynamic and powerful analytics tools

CHARTS & GRAPHS
Design beautiful and effective charts & graphs, create your own custom visuals, and master 20+ chart templates in Excel

PIVOT TABLES
Explore and analyze data instantly with Pivot Tables & Pivot Charts, and complete 10 real-world case studies along the way

POWER QUERY & DAX
Build and analyze relational data models using Excel's powerful trio of self-service BI tools: Power Query, Power Pivot & DAX

DASHBOARD DESIGN
Bring your data to life with dynamic, interactive Excel dashboards, and build 3 real-world projects from scratch

MO-201 EXAM PREP
Master the exact skills you need to ace the MO-201 Exam and become a certified Microsoft Excel Expert

PRODUCTIVITY PRO TIPS
Save time and work efficiently with Excel's most powerful productivity tools, including shortcuts, flash fill, named ranges, and more

FORMATTING PRO TIPS
Transform worksheets into polished reports using formatting tools like frozen panes, grouped rows, and formula-driven rules

FORMULA PRO TIPS
Expand your formula knowledge with unique tips and use cases, and explore a range of advanced tools and techniques

DATA VIZ PRO TIPS
Think outside the pie chart and explore a range of data viz tools and techniques, like filled maps, form controls, and sparklines

PIVOT TABLE PRO TIPS
Learn advanced PivotTable techniques like grouped values, complex filters, cached sources, and custom sort lists

ANALYTICS PRO TIPS
Sample Excel's most powerful advanced analytics tools, including forecasting, outlier detection, and Monte Carlo simulation

POWER BI
SPECIALIST

Our **Power BI Specialist** path is for users looking to master self-service business intelligence with Power BI Desktop & Service, build Advanced DAX skills, and ace the Microsoft PL-300 exam
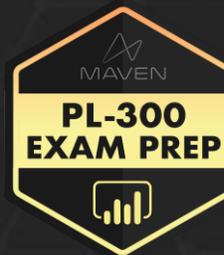
4
COURSES

61
HOURS

MAVEN
POWER BI DESKTOP

Design and build a full-scale business intelligence solution from scratch, and master one of the world's leading self-service BI platforms

MAVEN
POWER BI SERVICE

Take your Power BI skills to the cloud with Power BI Service, and learn how to publish, collaborate, and share your work with the world

MAVEN
ADVANCED DAX

Build expert-level BI skills and solve real-world projects and case studies using advanced Data Analysis Expressions (DAX)

MAVEN
PL-300 EXAM PREP

Complete, hands-on guide to passing the PL-300 Power BI Exam and becoming a Microsoft Power BI Data Analyst Associate

TABLEAU
SPECIALIST

Our **Tableau Specialist** path is designed to help users build expert-level BI skills with Tableau Desktop, Prep, and Server, and ace the Tableau Desktop Specialist & Certified Data Analyst exams

6
COURSES

62
HOURS

TABLEAU DESKTOP
Learn how to analyze and visualize data with Tableau Desktop, and build unique, real-world projects and dashboards

TABLEAU PREP
Learn how to combine, transform, clean, and prepare raw data for analysis using Tableau Prep

TABLEAU SERVER
Learn how to create, manage, publish, and share reports and dashboards using Tableau Server and Tableau Online

ADVANCED TABLEAU
Build expert-level Tableau skills by mastering relationships, advanced calculations, predictive analytics, and dynamic design

PERFORMANCE OPTIMIZATION
Optimize Tableau Desktop speed & performance and learn how to build fast, scalable, and user-friendly dashboards

TABLEAU CERTIFICATION
Hands-on guide to acing the Tableau Desktop Specialist & Data Analyst exams, with project files and full-length practice tests

MySQL SPECIALIST

Our **MySQL Specialist** path is for database administrators and analysts looking to build expert-level MySQL skills, and practice applying them to unique, real-world course projects and case studies

4
COURSES

46
HOURS

MySQL ANALYSIS
Explore and analyze databases with MySQL, and complete hands-on course assignments and real-world projects

DATABASE ADMIN
Learn how to build, optimize, and administer relational databases using MySQL & MySQL Workbench

ADVANCED MySQL
Master advanced MySQL tools and techniques, and practice applying them to a rich, custom-built ecommerce database

ADVANCED DBA
Learn Advanced SQL skills for database administration, including replication, triggers, EER diagrams, stored procedures, and more
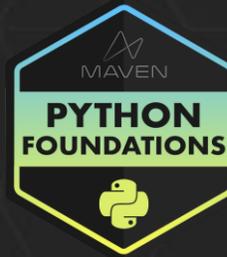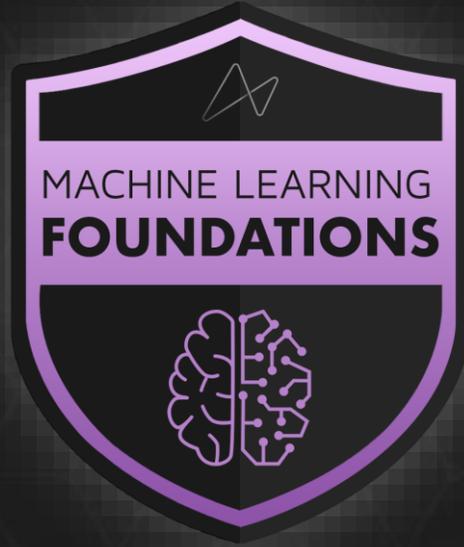
PYTHON SPECIALIST

PYTHON FOUNDATIONS

Master the core building blocks of Python for data analysis, including data types, variables, conditional logic, loops, functions, and more

PANDAS

Master the basics of NumPy and Pandas for data analysis, and learn how to explore, transform, aggregate, join, and visualize DataFrames

PYTHON VISUALIZATION

Learn to build custom visuals and reports using Python's most popular data visualization libraries: Matplotlib & Seaborn

Our **Python Specialist** path is for BI analysts or data scientists looking to build job-ready Python skills, including analytics and visualization tools like NumPy, Pandas, Matplotlib & Seaborn

3
COURSES

54
HOURS

MACHINE LEARNING
FOUNDATIONS

Our **Machine Learning Foundations** path is for analysts looking to build a fundamental understanding of core ML techniques, including profiling, classification modeling, regression & unsupervised learning

4
COURSES

15
HOURS

1. PROFILING

Explore and prepare raw data for Machine Learning, and apply a range of univariate & multivariate data profiling techniques

2. CLASSIFICATION

Learn powerful classification models for data-driven predictions, including decision trees, logistic regression, KNN, and more

3. REGRESSION

Explore the building blocks of regression and time-series forecasting, and learn how to apply them to real-world projects

4. UNSUPERVISED

Learn the basics of Unsupervised ML, including cluster analysis, association mining, outlier detection & dimensionality reduction

WHY MAVEN?

- ✓ Unlimited access to ALL courses & paths, including 15 CPE-accredited courses (200+ credit hours)

- ✓ Real-world course projects & assignments

- ✓ Personalized learning plans

- ✓ Graded skills assessments

- ✓ Free practice datasets

- ✓ Expert coaching & instructor support

- ✓ Digital badges & credentials

- ✓ **Exclusive team training features**:
  - Centralized billing
  - Private team portal
  - User roles & permissions
  - Custom assignments & deadlines
  - Real-time progress tracking

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MAVEN® ANALYTICS