Big Classes.ai

DATA ANALYTICS

OUR FACULTY

Our Data Analytics faculty comprises seasoned professionals and academic experts with deep industry experience. They bring real-world insights into the classroom, guiding students through practical learning, hands-on projects, and the latest tools and techniques in data analytics.

FAQS:

Do I need a technical background to join the Data Analytics course?
No, the course starts from basics and is beginner-friendly.

What tools and technologies will I learn during the course?
You'll work with tools like Excel, SQL, Python, Power BI.

CONTACT US :

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MICROSOFT EXCEL WITH PROJECT

Introduction	Introduction to Excel, Personalizing Excel, Lookup and Referencing, Arithmetic Functions.
Excel Functions	Text Functions, Data Cleaning Functions, Mathematical Functions, General Formatting, Conditional Formatting, Database Functions.
Excel Workbook Management & Utilities	Text and Data Manipulation, Protecting Excel-Excel Security, Printing Workbooks, Advanced Paste Special Techniques.
Advanced Excel Functions & Analysis Tools	Date, Time, Financial and Statistical Functions ,Error Handling, Filtering, Sorting, Advanced Excel Functions, What-if Analysis and Data Validation.
Excel Data Analysis & Visualisation	Logical Analysis, Array and Lookup Functions, Pivot Tables, Slicers, Charts, Add-ins and Dashboards.

SQL SERVER WITH PROJECT

Introduction To Data & Database Systems	Introduction to Data and Database Systems, Complete Introduction to SQL Server, SQL Server Software Installation.
Core SQL Concepts & Operations	Datatypes and Sub-Languages in SQL, Renaming and Copying Data, Arithmetic, Comparison, Logical, Set & Special Operators, Schemas.
Advanced SQL Features & Data Management	Functions, Special Clauses, Ranking Functions, Constraints, Joins, Views, Synonyms, Indexes & Subqueries, TCL Commands, CTE, Duplicates, Normalization.
Database Design & SQL Programming	ER Modelling, Relationships, OLTPs, Temporary Tables, T-SQL, Variables, Control Statements, Cursors, Stored Procedures, Stored Functions, Triggers.

POWER BI WITH PROJECT

Introduction to Power BI	Power BI Complete Introduction, Power BI Desktop Installation & Power BI Service.
Power BI Basics & Interface Overview	Ribbon and Tabs Overview, Report View, Data View, and Model View, Fields and Visualizations Pane, Filters and Selection Pane, Navigation and Workspace Layout, Building Blocks of Power BI.
Power BI Advanced Features & Data Analysis	Power Query, Power Pivot, Power View, Grouping, Binning, Sorting, Tooltip Page & Bookmarks, Power BI Service (Datasets, Dashboards, Data Connectivity Modes, Gateways)
Power BI Service Management & Administration	Understanding Sub-Folder in Workspace, Dataflows, Dataset Actions, Excel Workbooks, Report & Dashboard Actions, Row-Level Security, Deployment Pipelines,Add-Ons.

PYTHON WITH PROJECT

Introduction	Python Introduction, Python IDE and Jupyter notebook.
Operators,Loops & String	Operator-Arithmetic, Comparison, Decision Making-Loops, While Loop, For Loop and Nested Loop.
List, Tuples, & Dictionary	Accessing values, Delete elements, Indexing, Slicing & of list, Tuples and Dictionary
Functions & Modules	Define Function, Calling Function, Pass by Reference as value, Function Arguments, Anonymous Functions, Return Statements, Scope of Variables- Local and Global.
Exception Handling	Exception Handling-List of Exceptions-Try and Exception, Regular Expressions, Exporting Data to .txt Files.
Object Oriented Programming	OOP Concepts, Class, Objects, Inheritance, Overriding Methods like _init_,Overloading Operators, Data Hiding.
Data Analysis with Python	Using Pandas Library, Introduction to Pandas Series and DataFrames, Importing Data, Exporting Data to Various Formats, Basic Data Inspection and Summary Statistics, Introduction to Matplotlib for Plotting, Using NumPy Arrays with Matplotlib, Connecting to Databases, Plotting Data from SQL Queries or Pandas DataFrames.

INTERVIEW PREPARATION

Interview Preparation & Communication Skills	Basic Self-Introduction, Crafting a Personal Introduction, Communicating Background, Skills, and Goals, Adapting Introductions for Different Contexts, Interview Skills, Pre-Interview Research and Resume Readiness, Common Interview Questions and Best Practices, Body Language and Professional Etiquette, Post-Interview Follow-Up and Feedback Handling.
Career Development & Personal Growth	Personal Branding, Building a Professional Online Presence, Resume & LinkedIn Optimization, Showcasing Skills and Achievements, Networking and Communication Style, Mock Interviews.

TOOLS AND TECHNOLOGIES COVERED:

Microsoft Excel

My SQL

Power BI

Python

Welcome!
Master Data Analytics, From the Ground Up
Join our program designed to take you from the basics of Excel and SQL to advanced data visualization and analytical tools. Our curriculum is built for real-world applications, practical experience, and future-ready skills.

Why Choose Us?
Offline, distraction-free learning
Real-world projects and use-cases
Mentorship from data analytics professionals
End-to-end curriculum from Excel and SQL to Power BI and Python
Learn tools like Pandas, Power BI, Excel, SQL & more

How We Work
Expert-led classroom sessions
Practical labs & capstone projects
Regular assessments and feedback
Portfolio-worthy deliverables
Post-program guidance & support