



Transform Your Future with Data Analytics

Data Analytics with Gen AI

Data isn't just numbers;
it's the key to smarter decisions and bigger opportunities.

MET – Master Data Analytics & Lead the Future



India's First-Ever Institute to Offer **AI-ASSISTED MOCK INTERVIEWS!**



About MET

At Medha Edutech, we take pride in delivering top-tier education through exceptional instructors with extensive real-world expertise. Our comprehensive programs in Full Stack Development, Data Science, Generative AI, Cyber Security, and UI Development are meticulously crafted to meet the evolving demands of the tech industry. Having successfully upskilled over 20,000 students across 15+ countries, we remain committed to excellence in education.

We are committed to empowering learners with practical knowledge through hands-on training and live projects. Guided by industry-experienced trainers, our courses ensure a seamless blend of theory and real-time application. Whether you aim to enhance your skills, transition into a new career, or embark on your professional journey, Medha Edutech stands as your trusted partner in achieving success. Recognized for the **India Excellence Awards 2024**, we continue to set benchmarks in quality education. As a leading software training academy, we are dedicated to making learning accessible, impactful, and transformative.

World-class infrastructure on campus brings the feel of an IT company



Monthly Hackathons + Career Accelerator Workshops

BUILD. COMPETE. GROW.



Level up with high-impact,
course-aligned hackathons
every month.



Solve real-world challenges,
race the clock, and stand out
from the crowd.



Get live mentorship,
showcase your skills, and
push your limits.

WIN BIG

Build a **Strong Portfolio**, Certificates, Internships & Exclusive Rewards.



Why Choose MET

At MET, we turn learners into achievers with hands-on training, certifications, Placements, and global opportunities!



Who Can Learn?



Students & Career Starters

Kickstart your career with in-demand data skills.



Working Professionals & Career Switchers

Upskill for better roles and career growth.



Business Owners & Entrepreneurs

Leverage data for smarter business decisions.



Anyone Interested in Data & Insights

No tech background? You can still master data analytics!

In-Demand Roles in Data Analytics



Data Analyst



Business Intelligence Analyst



Data Scientist



Machine Learning Engineer



Marketing Analyst



Financial Analyst

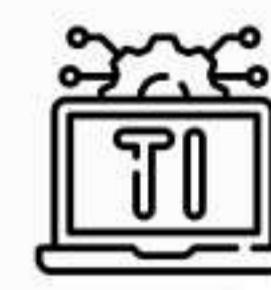


Risk Analyst



Product Analyst

Industries Benefiting from Data Analytics



IT & Software



E-commerce & Retail



Banking & Finance



Healthcare



Marketing & Advertising



Manufacturing



Telecommunications



Government & Public Services



Your Smart Learning Partner

Medha Academy LMS

LMS LIKE NEVER BEFORE

Built for the Future

✓
Get auto-uploaded recorded sessions daily after your class.

✓
Access your **entire course library** from anywhere, anytime.

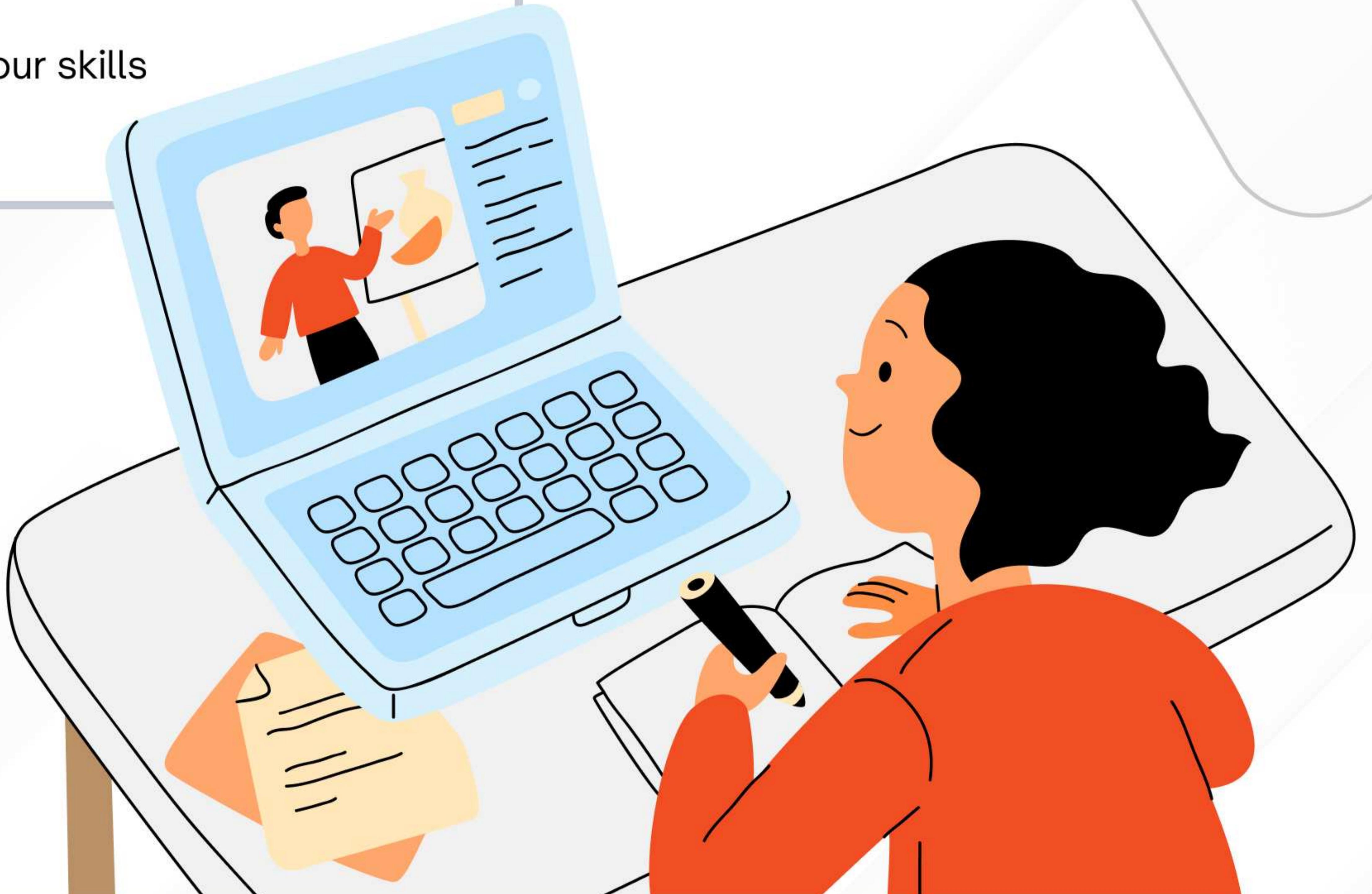
TRACK YOUR PROGRESS WITH

Assignments & materials organized by modules

Topic-wise quizzes

Assessments to test your skills

Performance analytics



LMS BENEFITS

Missed a class? No worries – watch it later.

All your learning is in **one place**.

Prepares you better for interviews and projects.

Suitable for **working professionals, students, and career switchers**.

Learning isn't limited to the classroom anymore. With MET LMS, the classroom follows you.

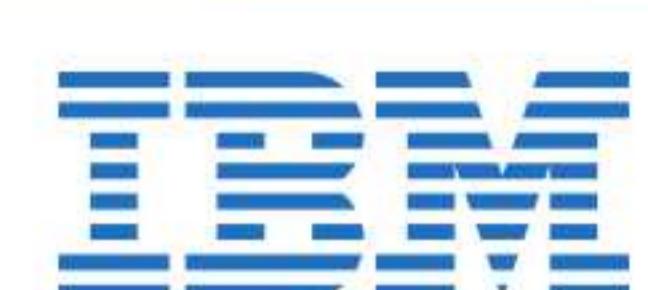


Our Alumni Work At

At Medha EduTech, we take immense pride in the success of our students who have gone on to build thriving careers with leading companies across the globe. Our alumni have secured prestigious roles in top organizations, including **Google, Microsoft, Amazon, Deloitte, Infosys, Wipro, TCS, Cognizant, Capgemini, Accenture, Byju's, Zomato, Swiggy, and many more.**

By fostering a strong foundation in both technical and professional skills, we ensure our students are job-ready and capable of making an impact in the dynamic world of technology. Join Medha EduTech and step into a future filled with possibilities!

Companies Hiring Data Analyst



McKinsey&Company



What is Data Analytics & Its Importance?

Data Analytics is the process of examining raw data to uncover trends, patterns, and insights that drive informed decision-making. It helps businesses optimize operations, improve customer experiences, and gain a competitive edge.

Importance of Data Analytics

Better Decision-Making – Helps businesses make data-driven choices.

Improved Efficiency – Streamlines operations and reduces costs.

Enhanced Customer Experience – Personalizes marketing and services.

Competitive Advantage – Identifies trends ahead of competitors.

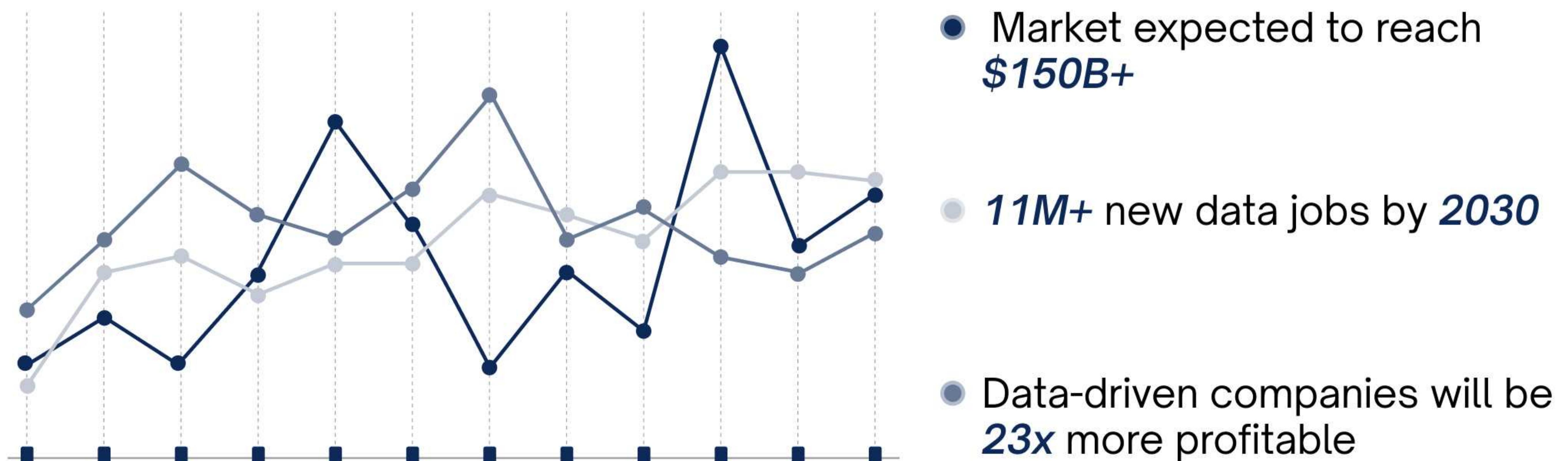
Risk Management – Detects fraud and minimizes risks.

Data Analytics Growth – Present & Future

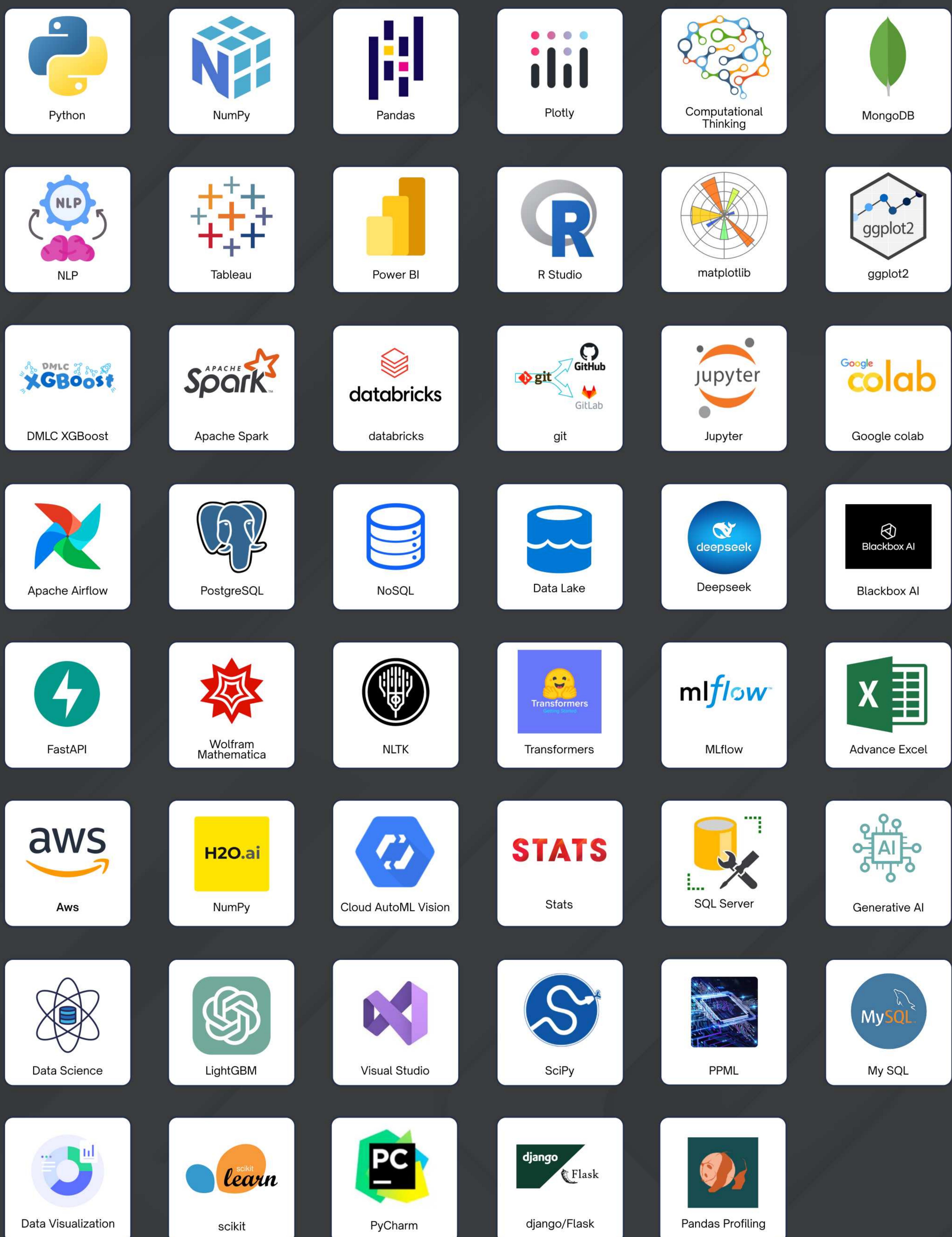
2025 (Present)



2028 & Beyond (Future Projections)



Tools and Technology covered





Exclusive Add-On

Learn **PySpark** and **Airflow** for assured placements with premium packages!

LEARNING PATH

Mon-Fri

1-hour class,
1.5-hour hands-on
practice,
project work, & practical
learning,
soft skills.

Saturday

Revision,
1-on-1 mentorship,
mock interviews, soft
skills & industry
insights.



Data Analytics Course Syllabus



Module 1

Introduction to Data Analytics

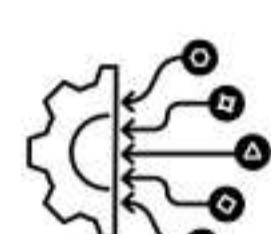
- What is Data Analytics?
- Importance & Applications of Data Analytics
- Types of Data Analytics (Descriptive, Diagnostic, Predictive, Prescriptive)
- Data Science vs. Data Analytics vs. Business Intelligence
- Data Analytics Lifecycle



Module 4

Data Visualization & Storytelling

- Importance of Data Visualization
- Introduction to Visualization Tools (Excel, Tableau, Power BI, Matplotlib, Seaborn)
- Creating Charts, Graphs, and Dashboards
- Best Practices in Data Storytelling



Module 2

Tools & Software for Data Analytics

- Introduction to Key Tools (Excel, SQL, R, Python)
- Overview of Data Visualization Tools (Tableau, Power BI)
- Basic SQL Queries for Data Extraction



Module 5

Power BI

- Introduction to Power BI
- Installation Steps
- Power BI Architecture
- Power BI Desktop Window
- Window Supported Browsers
- Generating Reports
- Power BI vs Service
- Power BI Supported Data Sources
- Power query Editor
- Data Modelling Concepts (Manage relationships, Cardinality)
- Power BI Report Visualisation
- Power BI Map Visualisation
- Power BI Miscellaneous
- Power BI Sharing Dashboards
- Power BI DAX Basics
- Power BI DAX Functions
- Power BI DAX date Functions
- Power BI DAX logical Functions
- Power BI Useful Resources



Module 3

Data Handling & Preprocessing

- Understanding Different Data Types (Structured, Semi-structured, Unstructured)
- Data Collection Techniques
- Data Cleaning & Missing Value Handling
- Data Transformation & Feature Engineering
- Data Normalization & Standardization



Data Analytics Course Syllabus



Module 6

Excel for Data Analytics

- Data Sorting, Filtering, and Pivot Tables
- Lookup Functions (VLOOKUP, HLOOKUP, INDEX-MATCH)
- Data Validation & Conditional Formatting
- Introduction to Macros & Automation



Module 9

Statistics & Probability for Data Analytics

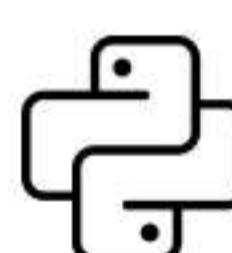
- Descriptive & Inferential Statistics
- Probability Distributions
- Hypothesis Testing & Confidence Intervals
- Correlation & Regression Analysis



Module 7

SQL for Data Analytics

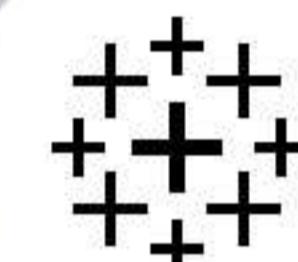
- Introduction to Databases & SQL
- CRUD Operations (Create, Read, Update, Delete)
- Joins & Subqueries
- Aggregations & Window Functions
- Data Extraction & Reporting



Module 8

Python for Data Analytics

- Introduction to Python for Data Science
- Data Manipulation with Pandas
- Data Visualization with Matplotlib & Seaborn
- Data Cleaning with NumPy
- Basic Statistics & Exploratory Data Analysis



Module 10

Tableau

- Data Connectivity
- Drag-and-Drop Interface
- Interactive Dashboards
- Data Blending and Joining
- Calculated Fields
- Filters and Parameters
- Charts and Visualizations
- Geographic Mapping
- Forecasting and Trend Lines
- Data Stories and Tooltips
- Tableau Prep Integration
- Sharing and Collaboration
- Mobile-Responsive Dashboards



Module 11

Machine Learning Basics (Optional for Advanced Learners)

- Introduction to Machine Learning
- Supervised vs. Unsupervised Learning
- Regression & Classification Models
- Model Evaluation Metrics



Data Analytics Course Syllabus



Module 12

Business Intelligence & Reporting

- Introduction to Power BI & Tableau
- Creating Interactive Dashboards
- KPI Metrics & Business Insights
- Data-Driven Decision Making



Module 14

Capstone Project & Resume Building

- End-to-End Data Analytics Project
- Creating a Data Analytics Portfolio
- Resume & LinkedIn Optimization
- Interview Preparation & Case Studies



Module 13

Big Data & Cloud Analytics (Optional for Advanced Learners)

- Introduction to Big Data & Hadoop
- Basics of Spark for Big Data Processing
- Cloud Platforms for Data Analytics (AWS, Google Cloud, Azure)



Module 15

GitHub

- Working with GitHub Repositories
- GitHub Workflow & Version Control
- Branching & Collaboration
- Advanced GitHub Features
- GitHub for AI & Machine Learning Projects
- Security & Best Practices

Add-On Module

Metabase

Main Projects

- Fin Pay Analysis
- Taxi ride Analysis
- Bank Customer Analytics Using SQL
- Data Analytics -3 projects
- Login & Registration page using Streamlit



Capstone Project

Financial Fraud Detection

Data Analytics with times Series Analysis

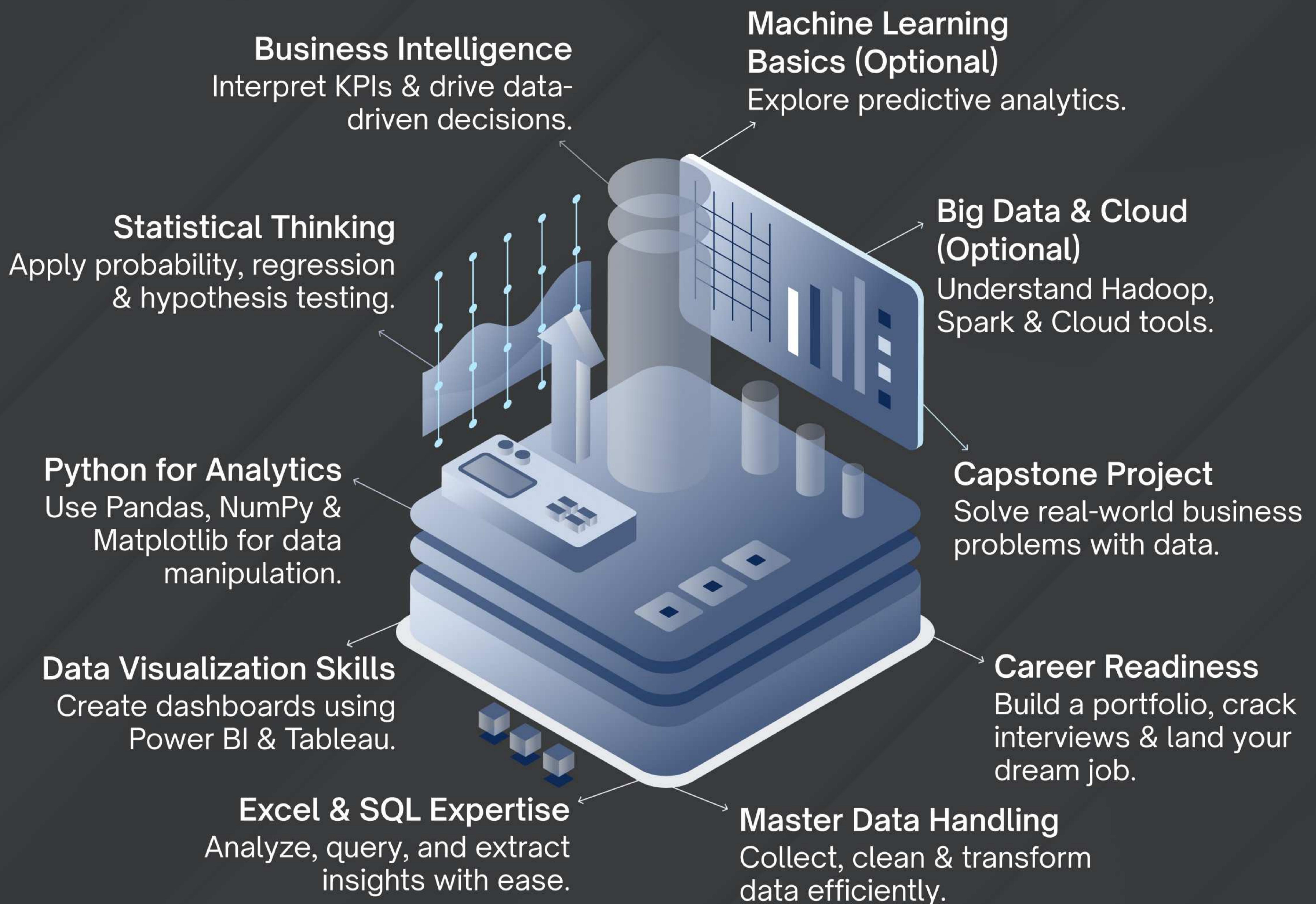
Our Projects update every month to meet demand

15+ Projects with Industry Experts Mentorship



Learning Outcomes

By the end of this course, students will be able to



Certifications in Alignment with Industry Standards

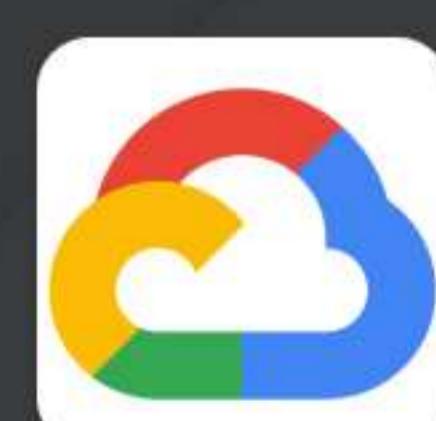
Our Data Analytics program includes globally recognized certifications to validate your expertise



Google Data Analytics
Professional Certificate



Microsoft Certified : Azure
Data Scientist Associate



Google Cloud
Skill Badge

These certifications prepare you to meet industry demands confidently and stand out as a skilled professional.



Enrollment Process

Enquiry

Contact us via our website or call us for details about the program.



Registration

Complete the registration process and secure your spot in the program.



Counseling

Schedule a one-on-one session with our career counselors to understand the best path for you.



Become Future-Ready

Enroll today and start your journey towards becoming an expert with Data Analytics



Job Placement Journey



Your Path to **Data Analytics Excellence**

Turn data into insights with practical analytics, visualization, and reporting skills.

Whether you're a student, working professional, entrepreneur, or AI enthusiast, our industry-focused programs are designed to make you future-ready

Choose from a wide range of courses

Full Stack Python/Generative AI and ML | Full Stack Java | Data Science | Multi Cloud DevOps | Cybersecurity | Digital Marketing with AI | Graphic Designing & Video Editing | Spoken English & Personality Development.

Get hands-on experience, expert mentorship, and placement assistance to kickstart your journey in tech and business. Ready to upskill? Join us today

