

LIVE DATA ANALYTICS TRAINING

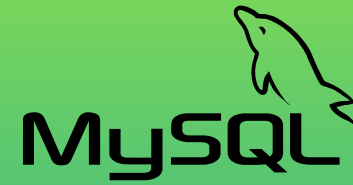


45 Days

9:30 AM - 10:30 AM (Mon-Sat)

1

SQL



Basics of SQL (SELECT, WHERE, JOINS)
Aggregations, Subqueries, Window Functions
Advanced SQL for Data Analytics

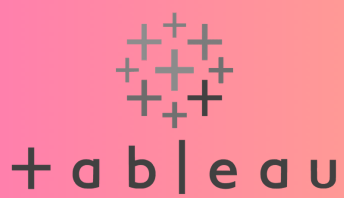
2

STATISTICS

Central Tendencies
Dispersion
Correlation
Probability & Hypothesis

3

TABLEAU & POWER BI



Data Visualization Basics
Dashboard Development & Storytelling
Advanced Interactive Dashboards

4

ANALYTICS IN CLOUD

SQL Tools in :

AWS

GCP



Google Cloud

5

PYTHON FOR DATA ANALYSIS & GEN AI TOOLS

Data Analysis with python (Pandas, Numpy, Seaborn)

ChatGPT & openai API (Gen AI Applications)



6

FINAL CAPSTONE PROJECT

amazon  YouTube

Solving a real-world data problem (YouTube)

Working with datasets, Creating Dashboards & AI Applications



BONUS

Lifetime access to Recordings & Study Material
Data Analyst Interview Q&A Guide, Mock Interviews
Resume & LinkedIn Profile Optimization



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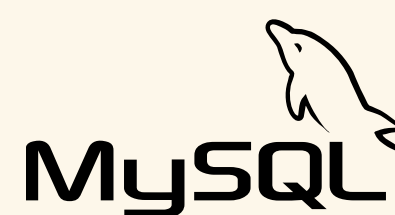
45 Days
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CONTENTS

Understanding Data Analytics: Importance, Process, and Real-World Impact

SQL

- Introduction to Databases & RDBMS
- Basic SQL Syntax
- Joins
- Aggregations & Grouping
- Subqueries
- Window Functions
- Common Table Expressions
- Advanced SQL Concepts



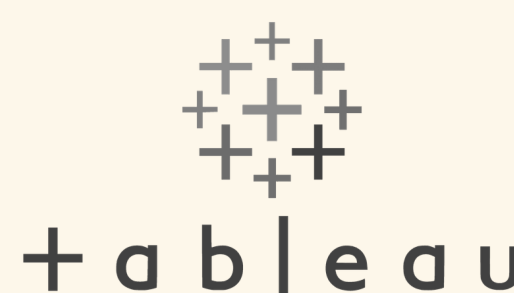
STATISTICS

- Descriptive vs. Inferential Statistics
- Central Tendencies
- Measures of Dispersion
- Correlation
- Probability & Distributions
- Hypothesis Testing



TABLEAU

- Connecting to Data Sources
- Dimensions vs. Measures
- Creating Calculated Fields & Table Calculations
- Building Basic & Advanced Visualizations
- Dashboard Design & Story Points
- Interactivity & Filters
- Publishing & Sharing



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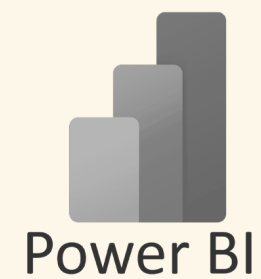


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POWER BI

- Data Import & Data Modeling
- Power Query Basics
- DAX Basics
- Creating Reports & Dashboards
- Visualization & Custom Visuals
- Row-Level Security & Sharing



CLOUD TOOLS

- AWS Analytics
- GCP Analytics
- Security & IAM
- Data Warehousing & Scaling



PYTHON

- Data Wrangling with Pandas
- Numerical Computing with NumPy
- Data Visualization with Seaborn or matplotlib
- Introduction to Generative AI Tools
- OpenAI API Integration & Prompt Engineering



FINAL CAPSTONE

- Project Definition & Dataset Selection
- Data Wrangling & Preparation
- Analysis & Visualization
- Dashboard or Report Development
- Presentation & Storytelling
- Peer Review & Feedback

