

30-Day Data Analytics Roadmap

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This 30-day roadmap is designed to help you master data analytics in just one month, covering Excel, SQL, Python, and Data Visualization. Each day includes 4 hours of structured learning, ensuring a strong foundation.

WEEK 1: Excel & Statistics Basics (Total: 28 Hours)

Day 1-2: (4 hrs/day) - Excel Basics (Data entry, formatting, formulas)

Day 3-4: (4 hrs/day) - Advanced Excel (Pivot tables, VLOOKUP, data cleaning)

Day 5-6: (4 hrs/day) - Statistics (Mean, median, probability, normal distribution)

Day 7: (4 hrs) - Mini Project: Analyze sales data in Excel

WEEK 2: SQL for Data Analysis (Total: 28 Hours)

Day 8-9: (4 hrs/day) - SQL Basics (SELECT, WHERE, ORDER BY, GROUP BY)

Day 10-11: (4 hrs/day) - Intermediate SQL (Joins, Subqueries, CTEs)

Day 12-13: (4 hrs/day) - Advanced SQL (Window functions, aggregations)

Day 14: (4 hrs) - Mini Project: Analyze a sample SQL database

WEEK 3: Python for Data Analysis (Total: 28 Hours)

Day 15-16: (4 hrs/day) - Python Basics (Variables, loops, functions)

Day 17-18: (4 hrs/day) - Pandas & NumPy (DataFrames, filtering, aggregations)

Day 19-20: (4 hrs/day) - Data Cleaning & EDA (Handling missing values, visualization)

Day 21: (4 hrs) - Mini Project: Analyze movie ratings dataset

WEEK 4: Data Visualization & Capstone Project (Total: 32 Hours)

Day 22-23: (4 hrs/day) - Data Visualization (matplotlib, seaborn, plotly)

Day 24-25: (4 hrs/day) - Power BI / Tableau (Dashboards, interactive reports)

Day 26-27: (4 hrs/day) - Case Study: Real dataset analysis (Kaggle, business insights)

Day 28-30: (4 hrs/day) - Capstone Project: Build a portfolio project + Resume Building

Final Outcome:

- 120+ hours of hands-on learning
- 4+ projects for your portfolio
- Skills in Excel, SQL, Python, and Visualization

Start your journey today and build a strong foundation in Data Analytics!

