

Accelerated Data Analytics Boot Camp: Prerequisites and Curriculum



SQL Software Requirements

Free trial of Snowflake (Cloud-based SQL software)

Excel Prerequisites Topics & Skills to Know

Office 365

Creating new worksheets

Hiding worksheets

Deleting worksheets

Locating a cell

Data entry (inputting data into a cell)

Know the difference between columns and rows

Copying and pasting data

Opening a workbook

Know the difference between a workbook vs. worksheet

Saving a workbook

Inserting and deleting rows and columns

Formatting (Font, borders, alignments, data types)

Power BI System Requirements

Windows Operating System or Macbook Parallel System

Parts 1 and 2: SQL and Excel Training Syllabus

In **Parts 1 and 2**, you'll build on your beginner SQL skills and learn how to extract and combine data from multiple tables using JOINS (up to **4 tables** at once). Once your data is prepared, you'll export it into Excel and begin creating structured reports.

Combining Data Across Tables and Building Excel Reports

Combine data from multiple tables using SQL JOINS (up to 4 tables at once)

Extract and export your SQL data into Excel for reporting

Transform your data into clean, structured Excel reports

Part 3: Power BI Training Syllabus

In the **Power BI** portion of the training, we will import prepared data and build visualizations to explore trends and performance. We will also create dynamic dashboards using filtering, formatting, and themes to present data clearly and effectively.

Introduction to Power BI

Data source connections

Chart selections

Filtering and sorting data

Formatting (Colors, themes, branding, fonts)

Dynamic dashboards

Aggregations

Data types



DATA TELLS A STORY. BE THE STORYTELLER