

Creating New BigQuery Datasets and Visualizing Insights

Course Introduction

- Course Introduction
- Recap of Google Analytics ecommerce dataset

Storing and Exporting Data

- Creating permanent tables
- Temporary tables and query results
- Performance preview: Query cache
- Creating logical Views
- Lab Intro: Creating Permanent Tables and Access-Controlled Views in BigQuery
- LAB : Creating Permanent Tables and Access-Controlled Views in BigQuery v1.5

Ingesting New Datasets into BigQuery

- Ingesting new data into BigQuery
- Lab Intro: Ingesting New Datasets into BigQuery
- LAB : Ingesting New Datasets into BigQuery v1.5
- LAB : Creating Date-Partitioned Tables in BigQuery v1.5

Joining and Merging Datasets

- Introducing JOINS and UNIONS
- Use table wildcards for easy merges
- Linking data across multiple tables
- SQL Join examples
- Avoiding pitfalls when merging datasets
- Recap of Google Analytics ecommerce dataset
- LAB : Troubleshooting and Solving Data Join Pitfalls v1.5
- Lab Intro: Unioning and Joining Datasets
- LAB : Data to Insights: Unioning and Joining Datasets v1.1

Data Visualization

- Overview of data visualization principles
- Comparing good and bad visualizations
- Dimensions, Measures, and Reports
- Introducing Google Data Studio
- Lab Intro: Explore and Create Reports with Data Studio
- LAB : Explore and Create Reports with Looker Studio v1.5