Developing Data Models with LookML

Module 1 - Introduction to Looker and LookML

Topics - LookML basics, Looker development environment

- Define Looker and the functionality it provides for curating data
- Define LookML basic terms and building blocks
- Use the Looker Integrated Development Environment (IDE) to modify LookML projects

Module 2 - Creating Dimensions and Measures

Topics - Dimensions, measures

- Create dimensions and measures to curate data attributes used by business users

Module 3 - Project Version Control

Topics - Git within Looker, project version control

- Implement version control with Git to manage and track changes in LookML projects

Module 4 - Model Files

Topics - SQL within Looker, Explores, joins, symmetric aggregations, filters

- Explain how Looker utilizes SQL on the back end to translate user requests to query results
- Create and design Explores to make data accessible to business users
- Use joins to establish relationships between data tables
- Leverage symmetric aggregation to ensure the accuracy of aggregated metrics
- Implement filters to preselect data provided to end users

Module 5 - Derived Tables
Topics - Derived tables, best practices

- Define the two types of derived tables in Looker
- Create ephemeral and persistent derived tables
- List best practices for creating derived tables

Module 6 - Caching and Datagroups
Topics - Caching, datagroups

- Explain how Looker uses caching to speed up SQL queries
- Use datagroups to manage caching policies in Looker