

Analyzing and Visualizing Data with Looker

Learn to explore, analyse and visualise data in Looker, from dimensions and table calculations to dashboards and shared content.

5

MODULES

18

TOPICS

COURSE OVERVIEW

This course covers the Looker interface and its core components for working with data. It explains core analytical concepts including dimensions, measures, filters and pivots, and how table calculations and offset functions create new metrics. It then addresses building dashboards to visualize data, add filters and deliver data to stakeholders outside Looker. Finally, it covers organizing content using folders and boards for navigability and shared access.

WHO THIS COURSE IS FOR

Data Analysts

Business Analysts

Dashboard Developers

BI Developers

Report Consumers

Content Managers

LEARNING OBJECTIVES

- Navigate the Looker interface to access data and functionality
- Explain dimensions, measures, filters and pivots in Looker
- Combine dimensions and measures for richer data analysis
- Apply table calculations and offset functions to create metrics
- Build dashboards to visualize multiple aspects of a topic
- Add filters to a dashboard for flexible data analysis
- Describe how to deliver data outside of Looker
- Organize content using folders and boards

5 Modules, 18 Topics

01

Introduction to Looker

LOOKER INTERFACE AND COMPONENTS

- Define Looker and the capabilities it provides for working with data
- Navigate the Looker interface to access data and functionality

02

Core Analytics Concepts

DIMENSIONS, MEASURES, FILTERS, PIVOTS

- Explain the four core analytical concepts in Looker (dimensions, measures, filters, pivots)
- Use dimensions to access data attributes
- Use measures to aggregate data attributes
- Combine dimensions and measures for richer data analysis and visualization
- Filter dimensions and measures to analyze a subset of the data
- Use pivots to restructure and group data

03

Table Calculations

TABLE CALCULATIONS, OFFSET FUNCTIONS

- Explain how table calculations and offset functions are used to work with data in Looker
- List the types of table calculations and offset functions available in Looker
- Create new metrics instantaneously with table calculations and offset functions

04

Dashboards

LOOKER DASHBOARDS, DATA DELIVERY OPTIONS

- Understand how to use dashboards in Looker to share data and results with stakeholders
- Create dashboards to visualize multiple aspects of a business topic or domain
- Add new content to an existing dashboard
- Add filters to a dashboard for flexible analysis of a subset of the data
- Deliver data outside of Looker for access by other stakeholders or systems

05

Content Management

LOOKER CONTENT ORGANIZATION, FOLDERS, BOARDS

- Explain how to use folders in Looker to organize content for navigability and discoverability
- Create and share boards to centralize content pertaining to one topic or theme

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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