Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02)

Category: AI, Data & Analytics | **Vendor:** Trivera Tech

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Looker Bootcamp: ®Analyzing and Visualizing Data with Looker.®Designed for professionals who want to unlock valuable insights from their data, this immersive training experience will guide you through Looker's cutting-edge features and provide you with the essential skills to create engaging, interactive, and insightful reports and dashboards.®

About This Course

Discover the power of data analytics and visualization with our hands-on, two-day introductory course Looker Bootcamp: Analyzing and Visualizing Data with Looker. Designed for professionals who want to unlock valuable insights from their data, this immersive training experience will guide you through Looker's cutting-edge features and provide you with the essential skills to create engaging, interactive, and insightful reports and dashboards. Our experienced trainers will take you on a journey from the fundamentals of Looker and its unique data modeling language, LookML, to advanced visualization techniques and content organization strategies, ensuring you leave the course equipped to make data-driven decisions with confidence.

Throughout the course, you will have the opportunity to participate in practical exercises and workshops that will help you apply the concepts and techniques learned in real-world scenarios. You will explore the potential of Looker's Explores, dive into LookML's capabilities, and master the art of dashboard design and sharing. Learn how to organize and manage your content with folders and boards and harness the power of advanced visualization techniques to make your data come alive.

Who Should Attend

The audience for this course includes professionals who are new to Looker who are interested in leveraging Looker for data analysis, visualization, and reporting. The course is designed for individuals seeking to gain a comprehensive understanding of Looker's functionalities and apply these skills in their organizations to drive data-driven decision-making.

Ideal attendees for this course come from a wide range of roles, including but not limited to:

-Data Analysts: Professionals responsible for analyzing data and creating reports to support decision-making processes within an organization.

-Business Analysts: Individuals who work closely with business stakeholders to understand their requirements, analyze data, and provide insights for strategic decision-making.

-Data Engineers: Technical professionals who manage and process data and want to expand their skill set to include data visualization and reporting using Looker.

-Product Managers: Professionals who need to track and analyze product performance metrics and want to utilize Looker to create visually appealing and informative dashboards for better decision-making.

-Marketing Analysts: Individuals responsible for analyzing marketing data and providing insights to drive marketing strategies and optimize campaigns.

-Data Science Team Leads: Professionals who oversee data science teams and want to leverage Looker to efficiently communicate results and insights to stakeholders within the organization.

-Project Managers: Individuals who need to monitor project progress and performance and want to use Looker for creating project-specific dashboards and visualizations.

Prerequisites & Entry Requirements

General Prerequisites:

In order to be successful in this course you should have:

-Basic computer literacy: Participants should be comfortable using computers and navigating software applications, as well as basic file management and organization.

-Fundamental understanding of data concepts: Attendees should have a basic understanding of data concepts such as tables, columns, rows, data types, and primary/foreign keys.

-Familiarity with databases and SQL (helpful, not required): Participants should have a basic understanding of relational databases and some experience with SQL, including SELECT statements, JOINs, and WHERE clauses.

-Basic spreadsheet skills: Attendees should be comfortable working with spreadsheets (e.g., Microsoft Excel or Google Sheets) for data manipulation, filtering, and sorting.

-Foundational knowledge of data visualization: Participants should be familiar with common chart types and their use cases (e.g., bar charts, line charts, pie charts, etc.), as well as basic principles of effective data visualization.

-Basic statistical knowledge (optional): While not required, a basic understanding of descriptive statistics, such as mean, median, and standard deviation, as well as concepts like correlation and regression, can be helpful for grasping some of the more advanced analytical features in Looker.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course combines expert lecture, real-world demonstrations and group discussions with machine-based practical labs and exercises. Working in a hands-on learning environment led by our expert facilitator, you'll explore and gain:

® Comprehensive understanding of Looker's platform: Gain a solid foundation in Looker's key features, functionality, and interface, enabling you to navigate and utilize the platform effectively for your data analysis and visualization needs.

® Mastery of LookML and data modeling: Develop proficiency in Looker's unique data modeling language, LookML, to create customized and efficient data models that cater to your organization's specific requirements.

® Expertise in creating insightful Explores: Learn to build, customize, and save Explores with dimensions, measures, filters, and calculated fields, empowering you to analyze your data and uncover valuable insights.

® Proficiency in dashboard design and sharing: Acquire the skills to design visually appealing and informative dashboards, share them with different user roles, and schedule exports to keep stakeholders informed and up-to-date.

® Enhanced content organization with folders and boards: Understand how to effectively use folders and boards to organize, manage, and discover content within Looker, making it easily accessible for you and your team.

Detailed Course Outline

Day 1: Introduction to Looker and Data Analysis

Getting Started with Looker

Overview of Looker and its key features

Navigating the Looker interface

Looker terminology and basic concepts

Lab: Navigating the Looker Interface - Familiarize yourself with the Looker interface by exploring its various components, menus, and tools.

Connecting to Data Sources

Setting up and managing data connections

Exploring database schemas

Understanding LookML: Looker's data modeling language

Lab: Connecting and Exploring Data Sources - Practice setting up data connections, reviewing database schemas, and writing basic LookML code.

Creating and Customizing Explores

Building and customizing Explores

Adding dimensions, measures, and filters

Creating calculated fields

Saving and organizing Explores

Lab: Create an Explore from scratch, adding dimensions, measures, filters, and calculated fields to generate insights.

Data Visualization

Creating visualizations using Looker's visualization library

Customizing chart types, colors, and labels

Displaying visualizations in dashboards

Introduction to Looker's API for custom visualizations

Lab: Creating Data Visualizations - Develop a variety of visualizations using Looker's built-in library, customizing chart types, colors, and labels.

Day 2: Advanced Looker Techniques and Applications

Advanced Explores and LookML

LookML refresher and best practices

Creating derived tables and data transformations

Managing access controls and data permissions

Lab: Write advanced LookML code to create derived tables, manage data permissions, and optimize your data model.

Organizing and Sharing Content with Folders and Boards

Introduction to folders and boards in Looker

Creating and managing folders for organizing content

Setting up boards for easy content discovery

Sharing folders and boards with different user roles and permissions

Lab: Set up and manage folders and boards for content organization, sharing, and discoverability.

Dashboard Design and Sharing

Best practices for dashboard design

Adding, arranging, and resizing visualizations

Scheduling and exporting dashboard data

Lab: Build an interactive dashboard, arrange visualizations, and practice sharing it with various user roles.

Advanced Visualization Techniques

Customizing visualizations with HTML, CSS, and JavaScript

Creating interactive visualizations using Looker's API

Integrating Looker visualizations with other tools

Lab: Lab: Advanced Visualization Techniques - Customize visualizations using HTML, CSS, and JavaScript, and explore interactive visualization options with Looker's API.

Hands-on Workshop and Project

Participants work on a guided project to apply the skills learned

Trainer provides individual support and guidance

Additional Course Details

Nexus Humans Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02)?

Yes, we provide corporate training, dedicated training, and closed classes for Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Looker

Q: Why choose Nexus Human for Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Looker Bootcamp: Analyzing and Visualizing Data with Looker (TTDVLK02) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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