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Sign up

MicroStrategy Dossier Builder Training

2 days (14 hours)

Presentation

Master Looker and LookML in their expert dimension thanks to this comprehensive training, designed to secure and enhance data within the Looker platform. The course begins with an exploration of the fundamentals of Looker and its interface: Explores navigation, dashboard creation, dynamic filters and best visualization practices. You'll get to grips with all the tools you need to explore your data effectively. You'll then learn how to design robust, scalable LookML models, structuring your model and view files, and defining high-performance dimensions, measures, joins and derived queries. Collaborative development logic with Git and fine-tuned permissions management will also be covered. Modules dedicated to security, performance, report planning and automation via the Looker API will enable you to industrialize your deployments and optimize the use of the platform on a large scale. As with all our training courses, this one will be presented with the latest Looker updates.

Objectives

- Understand Looker's architecture, its semantic modeling logic and the use of the LookML language.
- Model, join, transform and secure data sources in a LookML project
- master the creation of visualizations, interactive dashboards and analytical alerts in the Looker interface
- Be able to manage permissions, data security (row-level access) and performance performance
- Industrialize LookML development via Git, automate workflows with the Looker API, and supervise report usage.

Target audience

- BI developers
- Data analysts

Prerequisites

- Knowledge of data modeling
- Knowledge of collaborative workflows

MicroStrategy Dossier Builder training program

Introduction to MicroStrategy and Folders

- Overview of the MicroStrategy platform
- Roles of the various components
- Differences between Folders and Documents
- Use cases: reporting, visualization, exploration
- Dossier Builder user interface
- Navigation in Workstation or MicroStrategy Web
- Key interface components: canvas, data panel, toolbar

Connecting and preparing data

- Connecting to a project
- Opening an environment
- Connecting to an existing environment
- Adding data sets
- Selecting sources
- Import custom datasets
- Organizing attributes and metrics
- Business object structure
- Aggregation, sorting, renaming

Creation of interactive visualizations

- Add visualizations to the canvas
- Bars, curves, pie charts, cross tables, KPIs, etc.
- Choosing the right graphics for your business objectives
- Configure visualizations
- Assign attributes/metrics
- Axis management, formats, titles, colors
- Customize appearance
- Themes and styles
- Page layout options

Setting up filters and interactions

- Filters at folder level
- Global filters
- Dynamic behaviors
- View-level filters
- Chart-specific local filtering
- Using interactive controls
- Drop-down controls, Buttons, Sliders
- Links between visualizations

Chapter 5: Folder navigation and structuring

- Creating pages within a folder
- Multi-page management
- Fluid navigation and UX
- Alignment zones and containers
- Advanced organization of visual structure
- Use of navigation links
- Anchors, action buttons, conditional navigation

Advanced features of Dossier Builder

- Creation of guided, interactive filters
- Dynamic and targeted fields
- Visual decision trees
- Add key indicators
- Creation of customized metrics
- Conditional formatting rules
- Multiple dataset management
- Merging data sources
- Joining datasets

Sharing, exporting and collaboration

- Publish a folder
- Save in MicroStrategy Library or project
- Define access rights
- Content export
- Export PDF, Excel, image
- Export settings: formatting, selected views
- Collaboration
- Sharing with annotation
- Co-editing function

Performance and optimization

- Best modeling practices
- Data set optimization
- Reducing folder volume
- Reducing loading times
- Limiting the number of views per page
- Pre-calculation and aggregation in cubes
- Performance debugging and auditing
- Workstation/Web integrated tools
- Server load monitoring

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the forthcoming training course, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.