



CODING CREATROS

Qlik Sense Topics

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1. Qlik Sense Introduction & Installation

1. What is Qlik Sense
2. Installing Qlik Sense Desktop
3. Why learn Qlik Sense and NOT QlikView
4. How Qlik Sense varies from QlikView?
5. Starting with Qlik Sense Desktop
6. Opening an app with Qlik Sense
7. Qlik Sense Architecture

2. Starting Qlik Sense

1. Navigating in the user interface
2. Data Manager
3. Data Load Editor
4. Data Model Viewer
5. Interacting with User Interface
6. Creating apps and Visualizations
7. Structuring with apps with sheets

3. Charts and Tables

1. Overview
2. Tables
3. Charts - Bar, Box, Bullet, Button, Combo, Container, Distribution, Filter, Gauge, Histogram, KPI, Line, Map, Mekko, Pie, Pivot, Scatter, Table, Text and Image, Tree map, Waterfall chart, Violin chart, Sankay chart
4. Extensions

4. Designing Visualizations

1. Different types of visualizations
2. Dimensions and measures in a chart
3. When to use and what chart to use
4. Selections in visualizations
5. Setting and properties of each visualization

5. Using Expressions in Visualization

1. Expressions, functions and variables, Bookmarks
2. Working on Expression Editor, Export data to Excel
3. Using functions in charts
4. Using variables in expressions
5. Set Analysis and Set Expressions
6. Working with Master Items

6. Manage Data

1. Adding data from files and data bases
2. Loading data with the data load script
 - i. Read Data into Qlik Sense Data Sources
 - ii. Table Files

- iii. Excel
 - iv. Drag and drop
 - v. Text files
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- 3. Data connections
 - 4. Various types of Data Loads
 - 5. Profile data with Qlik Sense
 - 6. Troubleshooting

7. Creating a Data Model

- 1. Qlik Sense Data Architecture - 1-Tier, 2-Tier, 3-Tier
- 2. Create Star and Snowflake schema
- 3. Use of Join, keeps, concatenate, exists, match, if, getselectedvalues, getfieldselections, isnull, qvd create time etc..
- 4. Understanding QVD layer
- 5. Working on Synthetic keys and circular loops
- 6. Different types of loading techniques
 - i. Load
 - ii. Inline Load
 - iii. Resident Load
 - iv. Incremental Load
 - v. Binary Load
 - vi. Add Load
 - vii. Buffer Load

8. Advanced Data Modelling

- 1. Qlik Sense star schema
- 2. Link Table
- 3. Dimension Table
- 4. Master calendar
- 5. Optimizing data models
- 6. Best practices for data modelling

9. Collaborate in Qlik Sense

- 1. Overview of Data Story telling
- 2. Exporting
- 3. Advanced scripting and chart functions
- 4. Qlik Tips and Techniques