

Software Solutions

Microsoft Power BI

Reports and Visualisations Level 2



Software Solutions

This course is an extension of the Reports and Visualisations Level 1 course where the learner works with more involved features in Power BI Desktop to create intelligent and well-designed reports and visual and is introduced to best practices in Power BI. Below is a detailed list of what will be covered in this course. The Power BI Reports and Visualisations Level 1 course is a prerequisite to this course.

COURSE CONTENT

- CREATE & SAVE POWER BI FILE**
- LOAD EXTERNAL DATA**
- MODEL VIEW (BEST PRACTICE)**
 - STAR SCHEMA
 - FACT AND DIMENSION TABLES
- CUSTOM COLUMNS USING DAX**
 - DAX FORMULA SYNTAX
 - DAY NUMBERS
 - MONTH NUMBERS
 - MONTH NAMES
 - QUARTER NUMBERS
 - CUSTOM QUARTER NUMBERS
 - YEAR NUMBER
 - CUSTOM FINANCIAL YEAR NUMBER
 - CUSTOM FINANCIAL QUARTER AND YEAR LABEL
 - FORMAT FUNCTION
- SET AND USE DATE TABLES (BEST PRACTICE)**
 - SETTING YOUR OWN DATE TABLE
 - CREATING RELATIONSHIPS
 - DATA TYPES AND FORMATTING
- MEASURES & QUICK MEASURES (BEST PRACTICE)**
 - CREATE A QUICK MEASURE
 - DAX AND QUICK MEASURES
 - NEW MEASURES AND MEASURES TABLE
- CREATING MEASURE GROUPS (BEST PRACTICE)**
 - MOVE, DELETE, HIDE & UNHIDE MEASURES
 - MOVE KEY MEASURES TABLE TO THE TOP OF THE FIELD PANE
- HIDING COLUMNS (BEST PRACTICE)**
 - HIDE, UNHIDE AND VIEW HIDDEN
 - COLLAPSE AND EXPANDING
 - REFRESH AND INCREMENTAL REFRESH
- MEASURES MATRIX**
- KPI VISUALS**
- KEY INFLUENCES**
 - INTERPRET CATEGORICAL KEY INFLUENCERS
 - TOP SINGLE FACTOR THAT INFLUENCES THE LIKELIHOOD OF A LOW RATING
 - SECOND SINGLE FACTOR THAT INFLUENCES THE LIKELIHOOD OF A LOW RATING
 - INTERACT WITH OTHER VISUALS
 - INTERPRET CONTINUOUS KEY INFLUENCERS
 - BINNED CONTINUOUS KEY INFLUENCERS
 - INTERPRET MEASURES AND AGGREGATES AS KEY INFLUENCERS
 - INTERPRET THE RESULTS: TOP SEGMENTS
 - ADDING ANALYSIS COUNTS
- GROUPING & SORTING**
 - USING BINNING
- SORT ONE COLUMN BY ANOTHER COLUMN**
 - SET THE SORT BY COLUMN
- DRILL HIERARCHIES**
 - DRILL BUTTONS & MODE
 - DATE HIERARCHY
 - HEADER ICONS
- DRILL THROUGH PAGES**
 - SET UP THE DRILL THROUGH TARGET PAGE
 - USE YOUR OWN IMAGE FOR A BACK BUTTON
 - ADD A MEASURE TO DRILLTHROUGH
- CREATE A DRILL THROUGH BUTTON**
 - SET UP A DRILL THROUGH BUTTON
 - PASS FILTER CONTEXT
 - CUSTOMISE FORMATTING FOR DISABLED BUTTONS
 - SET FORMATTING FOR BUTTON TEXT CONDITIONALLY
- EDIT INTERACTIONS**
 - WHEN TO USE A SLICER
 - SLICER SETTINGS
 - CONTROL WHICH PAGE VISUALS ARE AFFECTED BY SLICERS
 - SYNC AND USE SLICERS ON OTHER PAGES
 - SYNC SEPARATE SLICERS
- REPORT BOOKMARKS**
 - CREATE REPORT BOOKMARKS
 - ARRANGING BOOKMARKS
 - VISIBILITY: USING THE SELECTION PANE
 - SMART NARRATIVE TEXT BOXES
 - ASSIGN BOOKMARKS TO BUTTONS & BOOKMARK NAVIGATOR
 - BOOKMARK GROUPS
 - UNGROUP BOOKMARKS
 - REMOVE A SINGLE BOOKMARK FROM A GROUP
- SLICER PANEL WITH TOOLTIPS**
 - CREATE SLICER PANELS THAT APPEAR AND DISAPPEAR WHEN FILTERING WITH A SLICER IS NEEDED BUT NOT TAKING UP REPORT CANVAS REAL ESTATE
- SWAPPING VISUALS**
 - USING REPORT CANVAS REAL ESTATE EFFECTIVELY
- BOOKMARK NAVIGATOR**
 - INCLUDE AND EXCLUDE BOOKMARK NAVIGATOR BUTTONS
- Q&A**
- PERFORMANCE ANALYZER REPORT PERFORMANCE**
 - DISPLAYING THE PERFORMANCE ANALYZER PANE
 - USING PERFORMANCE ANALYZER
 - SAVING PERFORMANCE INFORMATION
- MANAGING ROLES & SECURITY**
 - DEFINE ROLES AND RULES IN POWER BI DESKTOP
 - VALIDATE THE ROLES WITHIN POWER BI DESKTOP
- PUBLISH IT**
 - TO PUBLISH A POWER BI DESKTOP DATASET AND REPORTS
 - REPUBLISH OR REPLACE A DATASET PUBLISHED FROM POWER BI DESKTOP