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# **Power BI Course Content**

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## **Course Duration - 5 Weeks**

### **1. Introduction:**

- a) Downloads
- b) Install POWERBI DESKTOP
- c) Connect to POWERBI DESKTOP

### **2. Source Connections:**

- a) GET data from SQLSERVER
- b) Get data from SSAS
- c) Get data from Excel AND multiple Excel sheets
- d) Get data from Text files
- e) Load data from multiple data sources

### **3. Working with Transformations:**

- a) Change datatype
- b) Combine multiple tables
- c) Enter data
- d) Format dates
- e) Joins
- f) Pivot table
- g) Reorder and remove columns
- h) Rename columns
- i) Rename tables
- j) Split columns
- k) Unpivot table

### **4. Working with Visualizations:**

- a) Area chart
- b) Bar chart
- c) Card
- d) Column chart
- e) Donut chart
- f) Pie chart
- g) Line chart
- h) Table
- i) Matrix
- j) Ribbon chart
- k) Scatter chart
- l) Map

- m) Tree ma
- n) Waterfall chart
- o) Format charts (All types)

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**5. POWER BI Filters:**

- a) Slicer
- b) Basic filters
- c) Advanced filters
- d) Top N filters
- e) Filters on Measures
- f) Page level, Report level filters
- g) Drill through filters

**6. POWER BI Calculated Fields:**

- a) Calculated Columns
- b) Calculated Measures
- c) Calculated Tables
- d) Conditional Columns
- e) Custom Columns

**7. Dashboards:**

- a) Register to Pro Service
- b) Dashboard Introduction
- c) Connect Desktop with BI Service or Pro
- d) Publish Desktop Reports
- e) Create Workspace
- f) Create Dashboard

**8. Working with Dashboards:**

- a) Dashboard Functionalities
- b) Dashboard Settings
- c) Pin report to Dashboard
- d) Delete a Dashboard

**9. Sharing Work:**

- a) Share a Dashboard
- b) Share a Report
- c) Share Workspace
- d) Publish App

**10. Subscriptions:**

- a) Subscriber Dashboard
- b) Subscribe Report

**11. DAX:**

- a) Aggregate functions
- b) Date functions
- c) Logical functions
- d) Math functions

- e) String functions
- f) Trigonometric functions

**12. Practice Scenarios:**

- a) Drill-up and Drill-down Reports
- b) Sort chart in ascending and descending order
- c) Show empty record in Reports

**13. Interview Questions:**

**14. FAQ'S**

**15. PRE-REQUISITES:**

- a) SQLSERVER KNOWLEDGE
- b) SSRS KNOWLEDGE

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