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CERTIFICATE COURSE IN POWER BI

● Introduction and data loading

1. What is Power BI
2. Component : Power BI desktop, mobile, service
3. Installation power BI desktop
4. Connecting datasheet , Excel, CSV, Web, Sql

● Power Query and data cleaning

1. Transformation basic , data type changing
2. Power query editor
3. Filtering, sorting, removing duplicate
4. Merging and appending queries
5. Column splitting, formatting
6. Create custom columns

● Data Modeling

1. Relationship between tables
2. Primary keys and foreign keys
3. Star vs snowflakes schema
4. Creating data model
5. Handling null and blanks

● Dax (Data analysis Expression)

1. Introduction to DAX
2. Calculate columns vs measures
3. Basic dax functions : SUM, AVERAGE, COUNT, IF
4. Time intelligence Functions

● Data visualization

1. Building dashboard
2. Using charts, maps, tables, slicers
3. Conditional formatting
4. Using filters and drill throughs
5. Custom visuals from Marketplace

● Publishing and Sharing

1. Publishing reports to power bi service
2. Creating and sharing dashboard online
3. Creating power bi apps
4. Realtime data and refresh scheduling
5. Final project : mini dashboard making

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