

# Power BI



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## **Introduction to Power BI**

Introduction to Data warehouse

Data warehouse Tools

What is Power BI?

Power BI – Flow of Activity

Building Blocks of Power BI

Power BI – Primary Tools : Power Pivot, Power Query,  
Power View, Power Map, Power Q&A, Power BI Desktop

## **Power BI Desktop**

Power BI Desktop – Install

Data Sources and Connections

Connect to Data in Power BI Desktop

How to use Query Editor in Power BI

Advanced Data Changes and Transformation

Views in Power BI Desktop

Modeling Data - Manage Data Relationship,  
Create Calculated Columns, Optimize Data Models

## **Data Analysis Expressions (DAX)**

What is DAX?

Data Types in DAX

Calculation Types

DAX Functions : Date and Time, Time Intelligence,  
Information, Logical, Mathematical, Statistical, Text,

Aggregate Measures in DAX

Table Relationships and DAX

## **Data visualization**

Why Data Visualization

Practices for Data Visualization

How to use Visual in Power BI

Reports in Power BI

Charts in Power BI (Scatter, Waterfall, Funnel)

Slicers

Map Visualizations

Gauges and Single Number Cards



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## Custom visualizations

What Are Custom Visuals?

Office Store

Downloading Custom Visuals

Importing Custom Visuals in Power BI Report

KPI Visuals

Data Binding in Power BI

## Power BI Integration page And Administration

Data Gateways

Content packs

Power BI Report Server

## Power BI Embedded

Power BI Embedded Conceptual Model

Workspace Collection

Adding Power BI content to a Workspace

Application Authentication Tokens

Parts of Power BI embedded - REST API

Power BI Embedding without an Embed Token

Power BI Embedding with an Embed Token

## Power BI Q&A

Power BI Q&A

Dashboard

Dashboard vs Reports

Creating a Dashboard

Dashboard Tiles

Pinning Tiles

Quick Insights with Power BI

Power BI Publisher for Excel



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