



BI Tools - PowerBI

1

Business intelligence (BI) tools

It is a type of application software designed to retrieve, analyze, transform and interactive report data for business intelligence

2

PowerBI

It is Software tool for data Visualization, Analysis, Sharing and Cloud Interaction

Prepare

Extract

Transform

Load

Process

Visualization

Action from the insights

3

Difference Between Tableau & Power BI

Tableau

Can handle huge amount of data

Data Visualization - Users can use 24 different types of visualizations in Tableau

The information can be stored by using the Tableau server

Suitable for medium & Large type of Organisation

Embedding report is a real-time challenge in Tableau

Power BI

Cannot handle huge amount of data

Visualization with numerous data points - Offers more than 3500 data points for drilling down the dataset

It concentrates more on reporting and analytical modeling but not for storing the data

Suitable for Small, medium & large type of organization

Embedding report is easy with Power BI.

4

Benefits

1

Prebuilt Dashboards

2

Real-time Dashboard update

3

Secure live connections to the data sources

4

Natural Language query

5

Other Microsoft Product integration support

5

Elements

1

Power Query

Access and Transform Internal data

2

Power Pivot

Data modelling

3

Power view

Visualization

4

Power map

Exploring data in Map

5

Data Catalog

Meta data to give search access to other users

6

Data management Gateway

Connecting server with powerBI in the cloud

7

PowerBI & Q&A

ans in charts in graph via the questions

8

Power BI Service

Collection of app and Dashboard to deliver key ideas

6

Installing PowerBi