



Welcome to Power BI Training

What is Power BI

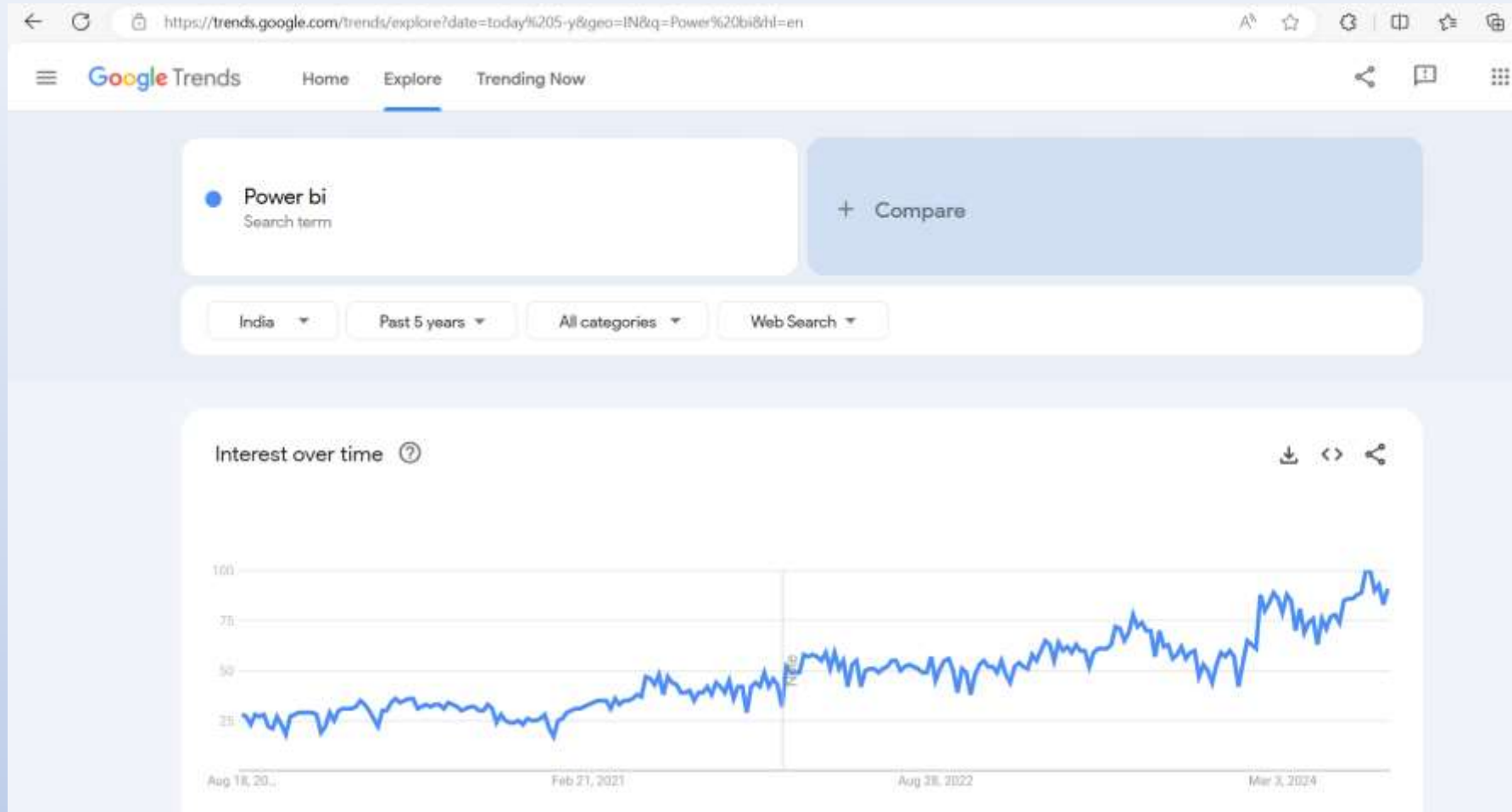
Power BI is a Business Intelligence tool which will help you to analyze your data, clean your data and convert it to visual format i.e. building reports and dashboards.

In other words, Power BI is a collection of components:

1. Power Query – used for ETL purpose.
2. Power Pivot – used for data modelling.
3. Power View – used for building reports and dashboards.
4. Power BI Service – to share our reports online.

Why Power BI?

1. Search volume in Google: [Google Trends](https://trends.google.com/trends/explore?date=today%20y&geo=IN&q=Power%20bi&hl=en)



2. Maximum features:

Compared to other BI tools, we can write 1200 different functions in Power BI – M functions and DAX functions. Also we can create around 280 different charts in Power BI.

3. Cost of Power BI:

Compared to other BI tools, Power BI is the cheapest tool in Gartner magic quarter, hardly 10\$ per user per month. And if we purchase it in bulk for many users, the license cost will come down.

4. Data Connectivity:

We can pull/import data from 100 different sources such as Excel, SQL, Oracle, Big Data, Hadoop. Also we can pull data from structured, semi-structured and unstructured data sources into Power BI. Hence great capability in terms of data connectivity.

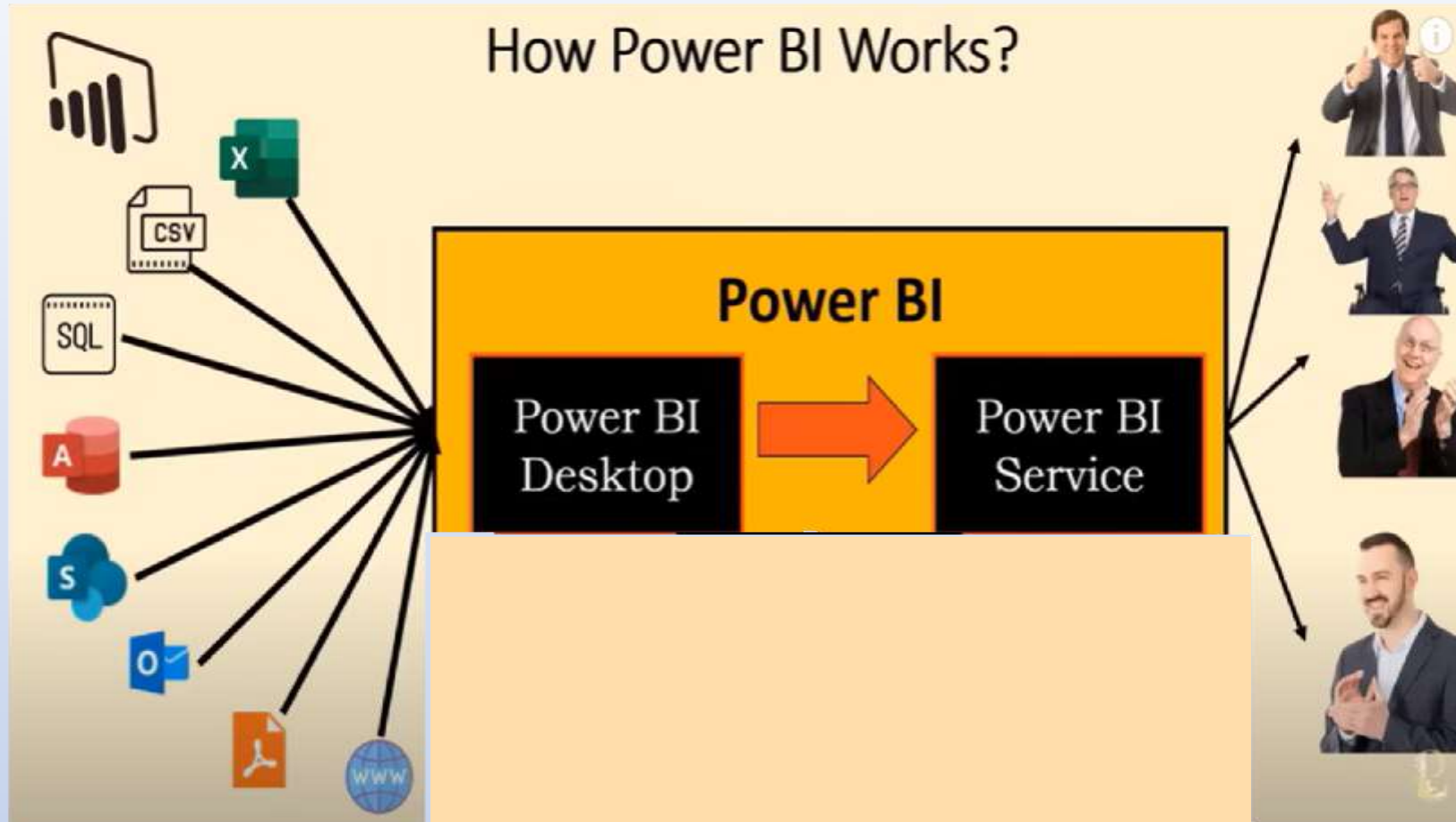
5. Recognised by Gartner Company:

Gartner is a company which compares all BI products in the market. In 2020, Microsoft Power BI was recognised as the Leader on the Gartner 2020 Magic Quadrant for Analytics and Business Intelligence Platforms. For the third consecutive years Power BI has ranked number one in the quadrant - establishing it as the top platform for its completeness of vision and ability to execute.



Source: Gartner (February 2020)

How Power BI works?



Power BI desktop is a developer tool, a desktop application, which we can download and install onto our laptop/desktop.

Power BI service is an online version, a cloud version which is used for

Types of Power BI services include:

1. **Power BI Desktop:** A Windows application for desktop users.
2. **Power BI Web App (Power BI Service):** An online SaaS service accessible via any browser.
3. **Mobile Power BI:** Available for tablets and mobile phones.
4. **Power BI Pro Service:** A paid service for creating, consuming, and sharing business insights.
5. **Power BI Premium Service:** Also a paid service with additional features.

Download and Install Power BI Desktop

<https://powerbi.microsoft.com/en-us/desktop/>

Syllabus



Power BI Syllabus

Hands-on, Assignments, Quiz and Sample Project.