

Power BI Assignment 1

1. What do you mean by BI? Explain.

ANS: Business intelligence (BI) is software that ingests business data and presents it in user-friendly views such as reports, dashboards, charts and graphs.

2. How Power-BI helps in BI, and how does it help Analysts? Explain.

ANS: Power BI is a BI and data visualization tool that leverages visual analytics to empower people and organizations in making the most of their data.

The engaging visualizations created in Power BI take the excel workflow to the next level and help stakeholders make sense of the massive amounts of data available.

3. Explain Descriptive analytics?

ANS: Descriptive analytics is a type of data analytics that looks at past data to give an account of what has happened. Results are typically presented in reports, dashboards, bar charts and other visualizations that are easily understood.

4. Explain Predictive analytics?

ANS: Predictive analytics is the process of using data to forecast future outcomes. The process uses data analysis, machine learning, artificial intelligence and statistical models to find patterns that might predict future behaviour.

5. Explain perspective analytics?

ANS: Prescriptive analytics is a statistical method that focuses on finding the ideal way forward or action necessary for a particular scenario, based on data. Prescriptive analytics uses both descriptive and predictive analytics but the focus here remains on actionable insights rather than data monitoring.

6. Write five real-life questions that Power BI can solve.

ANS: Waiting on figures.

Using data from old reports.

Excessive time spent preparing for presentations.

Being unable to find specific data sets.

Not being able to determine your level of success.