
Power BI Assignment 1

1. What do you mean by BI? Explain.

Business intelligence (BI) is software that ingests business data and presents it in user-friendly views such as reports, dashboards, charts and graphs. BI tools enable business users to access different types of data — historical and current, third-party and in-house, as well as semi-structured data and unstructured data like social media. Users can analyse this information to gain insights into how the business is performing.

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

Power BI can help connect disparate data sets, transform and clean the data into a data model and create charts or graphs to provide visuals of the data. All of this can be shared with other Power BI users within the organization. Report authors can use more features to enhance their reports for analytical insights in their data with features like Q&A and exporting. In this module, you will closely examine your data and Power BI reports and then extract value with deeper analysis. Additionally, you will learn how to sort data and how to present the report in a cohesive manner. You will learn how to get a statistical summary for your data and export data from Power BI. You will also apply and perform advanced analytics on the report for deeper and more meaningful data insights.

3. Explain Descriptive analytics?

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?

Descriptive analytics uses various statistical analysis techniques to slice and dice raw data into a form that allows people to see patterns, identify anomalies, improve planning and compare things. Enterprises realize the most value from descriptive analytics when using it to compare items over time or against each other. For example, a finance manager might compare product sales month over month or against related categories.

5. Explain perspective analytics?

prescriptive analytics is one option that can assist your business in identifying data-driven strategic decisions and help you avoid the limitations of standard data analytics practices, including:

- Exhausting valuable resources on housing data that does not inform business decisions
- Spending time sifting through unutilized data sets
- Missing out on unique revenue streams and insights

6. Write five real-life questions that PowerBi can solve.

- Business Intelligence solutions: Access to the data is limited
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- Performance management is far from perfection
 - Business Intelligence solutions: Creating multiple systems takes too much time
 - Business Intelligence solutions: Day-to-day operations are not organized
 - Your clients prefer your competitors

