Power BI Assignment 1

1) What do you mean by BI? Explain

Business intelligence includes data analytics and business analytics but uses them only as part of whole process. BI helps users draw conclusions from data and analysis. Data scientists dig into the specifics of data, using advanced statistics and predictive analytics to discover patterns and forecast future patterns.

2) How power-BI helps in BI, and how does it help analysts? Explain

Microsoft power BI is used to find insights within an organization's data. 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 organizations.

3) Explain descriptive analysis?

Descriptive analytics include KPIs such as year-on-year percentage sales growth, revenue per customer and average time customers take to pay bills.

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Explain descriptive analysis?

Descriptive analytics include KPIs such as year-on-year percentage sales growth, revenue per customer and average time customers take to pay bills.

The products of descriptive analytics appear in financial statement, other reports, dashboard and presentations.

Descriptive analytics is the most common and fundamental form of analytics that companies use. Every part of the business use descriptive analytics to keep tabs on operational performance and monitor trends.

Business analytics helps organizations make better decisions and improve performance by identifying patterns and trends in various amounts of data.

4) Explain predictive analytics?

predictive analytics is a branch of advanced analytics that makes predictions about future outcomes using historical data combined with statistical modeling, data mining techniques and machine learning companies employ predictive analytics to find patterns in this data to identify risks and opportunities

5) Explain prescriptive analytics?

prescriptive analytics is the process of using data to determine an optimal course of action. By considering all relevant factors, this type of analysis yields recommendations for next steps. Because of this, prescriptive analytics is a valuable tool for data-driven decision making.

1) Write five real-life questions that power BI can solve?

Access to the data is limited

It allows easy and fast sharing, you can provide anyone with such a report, your business partners, managers, executives, members of the technical department, etc. Anyone can get access and check the report using their smartphone, at any time.

(i) Product Sales Data analysis

(ii) Marketing Campaign insight analysis

(iii) Financial performance analysis

(iv) Global health Expenditure analysis

(v) Covid insight analysis.

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