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| 1. What do you mean by data analytics? |
| 1. Do structural meta data defines the meaning of the data on a specific domain. |
| 1. Mention the 2 terms in strategic planning. |
| 1. Define OLAP and OLTP |
| 1. What are timeframes? |
| 1. Define : data slice. |
| 1. What are the four types of data or levels of measurement? |
| 1. Compare BPM and BI |
| 1. Elaborate on the reason for analytics in decision making? |
| 1. What are the closed loop process to optimize Business performance? |
| 1. Comment on: A major purpose of a data warehouse is to integrate data from multiple systems. |
| 1. Define: Balanced Score card. |
| 1. Explain Divisive and Agglomerative methods. |
| 14.What do you mean by Unsupervised Learning? |
| 15.Give the difference between Categorical and Nominal data. |
| 16.What are data for business analytics? |
| 17.Explain Outliers and their impact in analytics. |
| 18.Give the difference between Federated and Centralized DW architecture. |
| 19.What are the data visualization techniques used in Business analytics? |
| 20.Explain the flow of data analytics life cycle. |
| 21.Explain Regression analysis. |
| 22.Compare data, information and knowledge. |
| 23.Distinguish between OLTP and OLAP |
| 24.How Aggregate data becomes an enriched data? |
| 25.Define Accuracy. |
| 26.Define: Balanced Score card. |
| 27.Define the term: Alignment and Rewards. |
| 28.What are the measures of central tendency? |
| 29.Why is KDD process important? |
| 30.Generalize the benefits of business intelligence system |
| 31.Explain the various strategic techniques used in implementing Business Intelligence. |
| 32.Explain CRISP-DM process in Business analytics. |
| 33.Write in detail the Common Modelling techniques in Business analytics. |
| 34.List and explain the components of the Business Pressures–Responses–Support Model |
| 35.Explain the architecture of business intelligence |
| 36.Explain in detail the extract/transform/load (ETL) design of an automated warehouse. |
| 37.Define operational control, managerial control, and strategic planning. |
| 38.What are the key similarities and differences between a two-tiered architecture and a three-tiered architecture? |
| 39.Describe the data warehousing process and its major components |
| 40.Explain Outliers and their impact in analytics. |
| 41.How does a data warehouse differ from a database? Differentiate among a data mart, an ODS, and an EDW |
| 42.Explain KPI and operational metrics.   |  |  | | --- | --- | | 43.Define BI. | | | 44.Define Outliers. | | | 45.What is operational data? | | | 46.What do you mean by Decision Support System? | | | 47.BI is neither a product or a system, it’s an architecture of integration. Justify. | | | 48.Various integration technologies enable data and metadata integration. Justify. | | | 49.Do structural meta data defines the meaning of the data on a specific domain. | | | 50.Explain Prescriptive analytics. | | | 51.Compare BPM and BI | | | 52.Mention the 2 terms in strategic planning. | | | 53.Give the steps of CRISP-DM process in Business analytics. | | | 54.What are the steps involved in data preprocessing? | | | 55.What are the 2 key issues for monitoring the performance through KPI? | | | 56.Explain the flow of data analytics life cycle. | | | 57.Give the statistical variable distribution used in analytics. | | | 58.What are the ways the categorical data are represented? | | | 59.Explain Inferential method in analytical process. | | | 60.Explain Logistic regression model. | | | 61.What are the major differences between a scorecard and a dashboard? | | | 62.In what all ways clustering algorithm impact analytics? Explain. | | | Explain the impact of random forest classifier in analytics. | | | What are the data visualization techniques used in Business analytics?  Explain DW architecture. | | | What are the key similarities and differences between a two-tier Architecture and a three-tier architecture? | | Compare BI and BPM. | | Define OLAP and OLTP | | How Aggregate data becomes an enriched data? | | Give the 4 major components of BI architecture. | | Give any 2-visualization tool that supports analytics with brief  explanation. | | What do you understand by data slice? | | Give the difference between Categorical and Nominal data. | | What are data for business analytics? | | How are data mining algorithms used in analytics? | | Give the difference between Federated and Centralized DW architecture. | | What are timeframes? | | What are the major differences between a scorecard and a dashboard? | | Explain Strategize. | | In what all ways clustering algorithm impact analytics? Explain. | | What do you mean by Business – Response – Support Model? | | Explain ACT and ADJUST with diagram. | | | Explain Regression analysis. | | | Give the 4 major components of BI architecture. | | | Explain KPI and operational metrics. | | | Explain Descriptive Analytics. | | | Write in detail the Common Modelling techniques in Business analytics. | | | What are the data visualization techniques used in Business analytics? | | | Explain CRISP-DM process in Business analytics. | | | What do you mean by data analytics? | | | Define Accuracy. | | | Targets are assigned time frames by which they must be accomplished. Comment. | | | Data visualization is used to explore, make sense of and communicate data. Justify. | | | What are the four types of data or levels of measurement? | | | Define: Balanced Score card. | | | Define : data slice. | | | Elaborate on the reason for analytics in decision making? | | | What are the measure of central tendency? | | | Define the term: Alignment and Rewards. | | | What are the ways the shape of the data represented? | | | Explain: Linear regression model | | | Differentiate predictive and prescriptive analytics. | | | Explain the concept of ACT and ADJUST. | | | How model building and model planning coordinate the analytics process? | | | Differentiate predictive and prescriptive analytics. | | | Explain the concept of ACT and ADJUST. | | | Explain the concept of Regression Models. Elaborate on  how Regression can be used for prediction with a  suitable example.  Explain the concept of Regression Models. Elaborate on  how Regression can be used for prediction with a  suitable example.  Explain the concept of regression model. | | | Explain the significance of sampling in Business analytics. | | | Elaborate on Histogram and its main properties with suitable diagram and example. | | | Explain Bubble chart as a Data Visualization tool with suitable diagram and example. | | | Explain Outliers and their impact in analytics. | | |
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