Business Intelligence

Theory assignments

1) Explain relational model.

→ The relational model is a database model that organizes data into our or more table, each consisting of rows & columns. each row represents a record or instances which each column represents an attribute or field. The table are related to each other through common fields, allowing users to retriere & manipurate data using sql statement. The relations modal provides a flexible 2 efficient way to manage data, 8 it is widely used in various application & industries.

2) Drill up & Drill Down.

→ Drill up & drill down are OLAD operations used in multidimensional data analysis drill down involves moving from a higher level of data to a lower level of data, increasing the level of detail for example, drilling up from the product line level of sales reports.
Drill up & drill down are important for exploring & analyzing data

5) Conditional formatting:

→ Conditional formatting is a feature in BI tools thats allows users to format data based on predefined rules or conditions. It is used to highlight important data or trends & to draw the attention to outliers or exceptions. Conditional formatting makes it easily for users to identify pattern & trends in the data & to make informed decision based on the data.

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