

**Question Bank
For
2170715 - DATA MINING & BUSINESS INTELLIGENCE**

- 1) Life Cycle of Data
 - 2) Define Data Warehouse & Explain its key features(4).
 - 3) Differences between operational database system & OLAP(5).
 - 4) Differentiate OLTP & OLAP (Table).
 - 5) Explain data warehouse architecture with figures (Full explanation each tier.)
 - 6) Explain all three schemas for multidimensional model. (star, snowflake and fact constellation) with figures.
 - 7) Explain OLAP operations in detail.
 - 8) Explain ROLAP vs MOLAP in detail. (Page No. 164) (Han & Camber 3rd Edition)
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- 1) What is BI ?
 - 2) Definitions of Bi (6 definitions)
 - 3) Golden Rules of BI
 - 4) Steps in BI.
 - 5) Challenges in BI
 - 6) BI tool kit components.
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- 1) Write down all five definitions of Data Mining.
 - 2) Explain DM Task Primitives in Detail.
 - 3) Explain KDD process in detail.
 - 4) Difference between Dm and DATABASE. (with Loosely & Tightly Coupled Approach)
 - 5) Issues in Data Mining
 - 6) Data mining Techniques / Functionalities.
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