

**MANJARA CHARITABLE TRUST**  
**RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI**  
(Permanently Affiliated to University of Mumbai)  
**Department of Information Technology**

SUBJECT NAME: **DATA MINING AND BUSSINESS INTELIGENCE**

SUBJECT CODE: ITC602

BRANCH: IT

SE SEM: VI (Choice Based)

**ASSIGNMENT NO: 2**

**BATCH 1 (T1)**

- 1) Outlier Detection method (clustering base approach) with Advantages and Disadvantages.
- 2) Explain BIRCH Algorithm
- 3) Banking and Finance in BI
- 4) Explain Mining Multidimensional Association Rules.
- 5) Write application of outliers & Challenges of Outlier Detection

**BATCH 2 (T2)**

- 1) Outlier Detection method (proximity base approach) with Advantages and Disadvantages.
- 2) Explain DBSCAN Algorithm with features and issues.
- 3) Explain Fraud Detection and clickstream
- 4) Explain Business Intelligent System (Analysis, Design, Planning, Implementation and control)
- 5) Write Advantages and Disadvantage of Hierarchical Clustering

**BATCH 3 (T3)**

- 1) Decision Support system
- 2) Outlier Detection method (statistical method) with Advantages and Disadvantages.
- 3) Explain OPTICS
- 4) Explain Market Segmentation
- 5) Explain CRM ,Data mining Challenges and opportunities in CRM

**BATCH 4 (T4)**

- 1) Business Intelligence Architecture
- 2) Explain FP Tree Algorithm and its benefits
- 3) Retail Industry and Telecommunication industry
- 4) Explain Hierarchical Clustering
- 5) Write Advantages and Disadvantages of statistical method

Note: Kindly Write Assignment on assignment sheet and Scan it and submit on Google form which will be send on google classroom on and before 23/3/2020. ( mail for query on [yogita.ganage@mctrigit.ac.in](mailto:yogita.ganage@mctrigit.ac.in))