GOVERNMENT ENGINEERING COLLEGE,BHAVNAGAR
INFORMATION TECHNOLOGY DEPARTMENT
2170715 -DATA MINING AND BUSINESS INTELLIGENCE

PRACTICAL LIST

1. Analytical Exercise-I

2. Visit UCI data repository and download king-rook-vs-king chess data
(http://www.ics.uci.edu/~mlearn/ databases/chess/king-rook-vs-king) to answer
the following questions using Microsoft Excel Pivot Table and Pivot Chart tool
(Give relevant print-outs):

3. Execute and analyze information gain for decision tree using Weka tool.

4. Execute and analyze of Naive-Bayes algorithm using Weka tool.

5. Execute and analyze A-priori algorithm using Weka data mining tool
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6. Execute and analyze K-Means clustering algorithm using Orange tool.

7. Study of Hadoop Architecture and Installation.

For the dataset refer following links
UCI Machine Learning Repository: http://archive.ics.uci.edu/ml/
http://www.kdnuggets.com/datasets/index.html

Format:
- File Format: .doc/.docx/.pdf
- Font Size : Heading- 16pt, Topic- 14pt , Subtopic - 12pt, Description/Documentation - 12pt
- Font Type: Topic and Subtopic - Bookman Old Style, Description/Documentation - Times New Roman
- Header:
o Top-Left : Enrollment No
o Top-Right: Practical No (i.e. Practical 1)

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