List of Practicals- ITE324P

Mining Software Repositories Lab

1. Study of of ckjm Metrics tool and Extraction of Metrics data using ckjm
2. Obtain Descriptive Statistics of the data you have collected. Use python programming to obtain descriptive statistics.

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| --- | --- | --- | --- | --- | --- | --- |
| Metric Name | Mean | std | Median | Mode | IQR | Range |
| WMC |  |  |  |  |  |  |
| NOC |  |  |  |  |  |  |
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1. Principal Component Analysis of Software Metrics data of UIMS and QUES.
2. Regression Analysis of Maintainability datasets.
3. Application of Classification techniques on Software Fault Prediction Datasets.
4. Application of Data Pre-processing techniques.
5. Application of Feature Selection Techniques.
6. T- test for two independent samples and Paired t- test
7. Mann Whitney U-test and Wilcoxon Test.
8. Friedman Test.