# Project requirements

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| ID | Description |
| RF01 | The system must calculate the Standard deviation, mean, maximum and minimum of each column which has numerical values or columns which being selected by the user. |
| RF02 | The system must draw a two dimensional plot in which X and Y axes are columns selected by the user. |
| RF03 | The system must store the files in a database; it should perform the delete, add and search actions; new files should be associated with a description and keywords. The user should be able to do these actions by command line. |
| RF04 | System should perform searches based on the description or keywords stored in the database. |
| RF05 | The system should be able to analyse a single text file or each text file into a given directory (Batch Processing). |
| FR06 | The system must compare the statistical measures obtained for two sets of files or single files by calculating the value of |A1-A2|, where Ai is the result of statistical analysis. |
| RF07 | The system should allow to execute the analysis processing using a scrip (\*.bat) in which the processing mode, input and output files could be configurable by given parameters in a command line. |
| RF08 | The system must record every execution of the mining tool into a log file. |