



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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CSL5402 *Artificial Intelligence Lab*

Lab 9 Assignment

List of Experiments:

1. Read iris dataset (*shared with the named “iris” in the file section inside the dataset folder*) using K-Means calculate the accuracy and F1 score.
2. Implement spam and non-spam classification task (*shared with the named “SMSspamcollection” in the file section inside the dataset folder*) using Naïve Bayes calculate the accuracy.
3. Read iris dataset (*shared with the named “iris” in the file section inside the dataset folder*) using Logistic Regression calculate the accuracy and the classification score (precision recall f1-score).

Upload the complete Python code file.

Format of SUBMISSION (YOURROLLNO_ASSIGNMENTNO_COURSECODE.pdf and YOURROLLNO_ASSIGNMENTNO_COURSECODE.ipynb). You have to submit your assignment in both the format (.pdf and .ipynb). Example: If your roll number is 1906005, then write 1906005_1_CSL5402.pdf for assignment number 1. For assignment number 2, write 1906005_2_CSL5402.pdf.