S3 MCA (2022-24 Batch)

20MCA241 Data Science Lab

Lab Exercise #06

Date of Submission: 13 Oct 2023

- Download the "Cancer_DS.csv" uploaded onto this classroom

- Using Python, implement the k-NN Algorithm **to predict whether the cancer is benign or malignant**

- Read the given pdf to get an insight about the dataset

- Use Google Colab for implementation.

- Do the Exploratory Data Analysis

- Do the Data Pre-processing

- Chose the appropriate k-Value

- Use the built-in functions in Scikit-Learn (sklearn)