1. Please follow the naming convention as: **<BITS\_ID>\_<Problem Statement No.>.ipynb**.  
   Example: If your BITS ID is 2022\*\*\*\*\*44 and you are working on Problem Statement 1, your file should be named 2022\*\*\*\*\*44\_Problem\_Statement\_1.ipynb.
2. Structure your code into distinct sections based on different tasks. Add appropriate comments to enhance readability.
3. The use of Deep Learning models is strictly prohibited. You are encouraged to explore classical Machine Learning techniques and analyze their performance.
4. Notebooks without executed outputs will not be considered for evaluation.
5. Prepare a Jupyter notebook to build, train, and evaluate Machine Learning models on the provided dataset. Ensure that you read and follow the instructions carefully.
6. Only one submission is required, which should include both Assignment Part-1 and Part-2.
7. Kindly upload your assignment (both Part-1 and Part-2) on Taxila under the designated section, "Assignment Part 1 and Part 2." Submissions through any other means will not be graded.
8. The submission must include both the executed .ipynb notebook and its corresponding .html output file. The code should be clearly divided into sections, with brief explanations of each part. All executed tables, graphs, and results should be present in both files.
9. Only two files should be uploaded to the taxila—one .ipynb file and its corresponding .html output file. Do not upload any additional files, and do not compress them into a zip folder.