Assignment 4

Apply PSO for feature selection

Goals:

- Implement a PSO algorithm to select the most impactful features in a dataset.

- Show the results of the feature selection and compare results without any feature selection.

Deadline: April 29th,2022

You have to use the dataset provided in Assignment 2 & 3.

Note:

- You are not allowed to use any library other than NumPy, Pandas and Scikit-learn.
- You cannot drop any column manually in preprocessing
- No Deep learning algorithm
- Plagiarism and collusion are taken extremely seriously.