ReadMe

- SOC Estimation Using Neural Networks
- By Hammadi Jaiem
- This paper explores SOC estimation using a Neural network model to estimate battery discharge rate. Battery State of Charge is an indicator of the percentage of charge left in a battery compared to its maximum capacity. The Project investigates the accuracy of a Neural network with 3 hidden layers and compares the results to Random forest and Linear Regression. To train the model, data is obtained for the Panasonic 1860PF.
- Resources:
  - [Code on Github](#)
  - [Dataset](#)