

PROJECT #1

“Household Power Consumption Forecasting”

LINK TO DATASET:

<http://archive.ics.uci.edu/ml/datasets/Individual+household+electric+power+consumption>

Read the dataset information and Attribute information.

TO DO:

Q1) Explore and draw analysis from the data by drawing time-series graphs, scatter charts, bar graphs, and correlation matrices.

Q2) Use predictive modelling techniques to predict Global Active Power.

NOTE:

1. You can resample the data for every hour to save some computation time.
2. Do not forget to:
 - Impute missing data
 - Feature Scale
 - Evaluate model performance
3. Use Google Colab to accelerate the training process.
4. Create a GitHub repository and push your python notebook to it. Share the repo link to the group before deadline.