

Report:

- 1) Problem Statement & Objectives done
- 2) Data Collection: Priyanshu (Report, ppt)
- 3) Data Preprocessing: Priyanshu (Report, ppt)
 - a) Data Cleaning
- 4) EDA: (Report,ppt): (Eshwar)
 - a) Correlation
 - b) Pairplots
- 5) Feature Selection: (Roshan & vent)
- 6) Dimensionality Reduction (priyanshu & vent)
- 7) Model Selection and Evaluation (Roshan & vent)
 - a) Multiple Linear Reg
 - b) SVR
 - c) Decision tree
 - d) Random Forest
- 8) Solar Energy Forecasting (vent)
- 9) UI (shiva & subbu)
 - a) Application Development
 - i) Flask
 - ii) Data fetching using API
 - iii) Data Conversions
- 10) Planned Activities

Ppt: (tanay)

- 1) Introduction
- 2) Problem Statement & Objectives
- 3) Data collection and processing (2,3)
- 4) EDA
- 5) Model Evaluation Table
- 6) Solar Energy Forecasting
- 7) UI
 - a) Screenshots
- 8) Planned activities

Demonstration:

- 1) Model selection: (Roshan & venki)
- 2) Forecasting : (venki)
- 3) UI: ()