**Project**: Photovoltaic power and solar radiation forecasting

**Team Members**:

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**Brief description:**

The main theme of the project is the prediction of photovoltaic energy generation from images of the sky captured with a camera installed near the solar panels.

The goal of the project is to reproduce the results in a reference paper and extend the methodology to improve the results

**Stages:**

1. Literature review (**Deliverable 3** - February 25th 2022)
   1. Papers selection
   2. Write
   3. Review
2. Planning
   1. Project timeline
   2. Meeting schedule
   3. Work distribution
3. Development (**Deliverable 4** (March 18th 2022): methods and preliminary results)
   1. Data collection
   2. Data preparation
   3. Models selection
   4. Build and train the models
   5. Evaluation
4. Analysis of results (**Deliverable 5** (April 1st 2022): results and conclusions)
   1. Metrics definition
   2. Evaluation
5. Oral presentation (Deliverable 6 (April 13th 2022, tentative): presentations in class)
   1. Prepare presentation
6. Report (Deliverable 7 (April 29th 2022, tentative): final report)
   1. Write
   2. Review