project proposal (draft)

* What the general topic of your project is.
* **Acquisition of flight information and its analysis, prediction, and final visualization of the data**
* What problem you will try and solve or question you will try to answer.
* **Filtering, classifying, analyzing, and visualizing flight data using maps and predicting flight arrival times using machine learning**
* **The main innovation is the use of algorithms to obtain estimated take-off and arrival times**
* What others have done in the area before.
* **The website ‘**[**projects.fivethirtyeight.com**](https://projects.fivethirtyeight.com/flights/)**’ analyzed 6 million flights to figure out which airports, airlines and routes are most likely to get you there on time and which ones will leave you waiting.**
* What the challenges and difficulties and interesting parts of your project are.
  1. **Learning about data processing**
  2. **Acquisition of flight datasets**
  3. **What algorithms are used to analyze the data and get accurate predictions**
  4. **Selection of visualization maps**
  5. **Writing of web pages or software**
  6. **..**
* What the major milestones in the project will be and when you will aim to achieve these.

**Milestones1:** **Collection and acquisition of reliable data sets**

**Milestones2:** **Selection of algorithms for data analysis and prediction training to obtain the final optimal model**

**Milestones3:** **Visualization (charts, maps...) Access to functions and functional improvements**

**Milestones4:** **Complete the final writing of a web page or software**

**Writing a** **literature review**