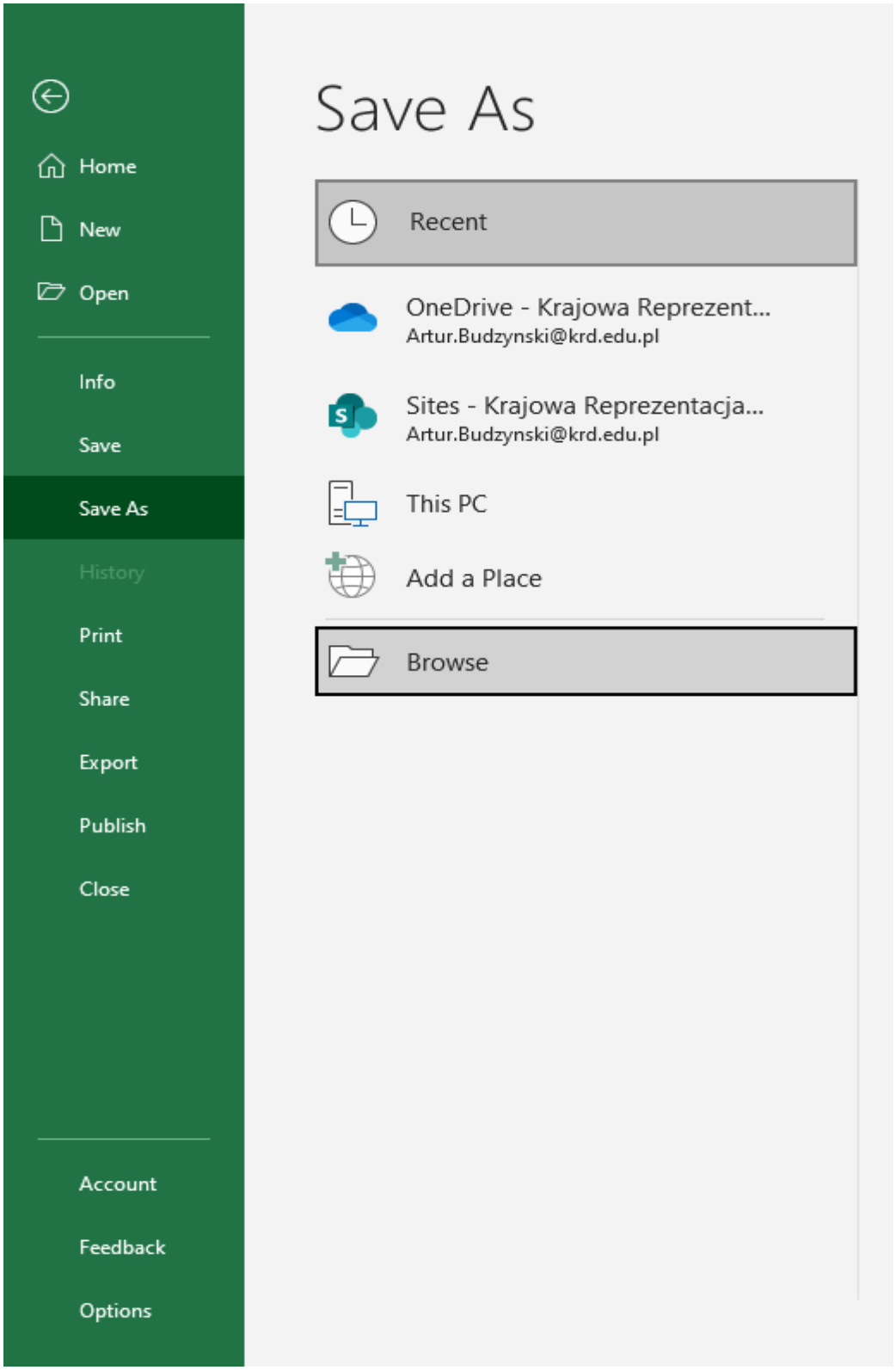
Step By Step: How to Make Your Own Machine Learning Model to Predict Fuel Consumption

1. **Prepare csv file**

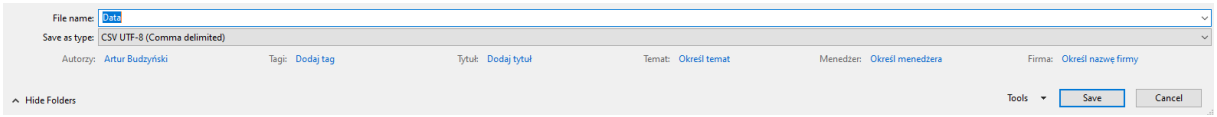
   Raport downloaded from Lontex GPS system is in “xls” format. It’s possible to open it in Microsoft Excel. To make it in “csv” format you have to:

   1.1. Click “save as” in MS Excel



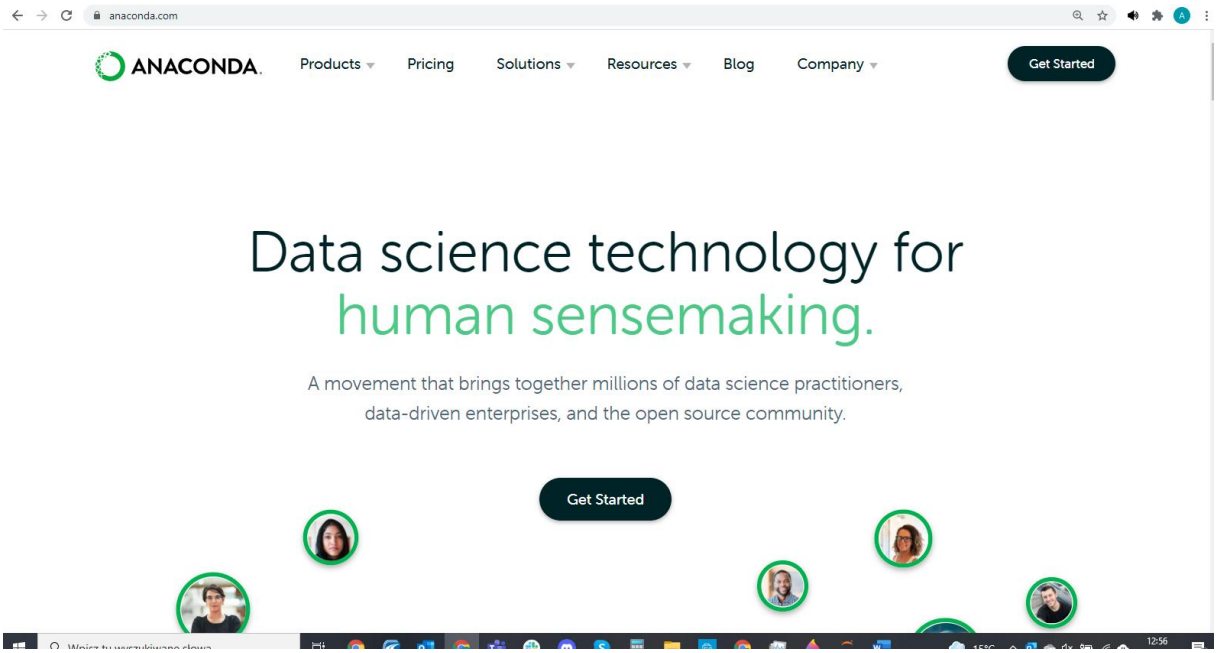
1.2. Choose localization

1.3. Choose “Save as type”: “CSV UTF-8 (comma delimited)”

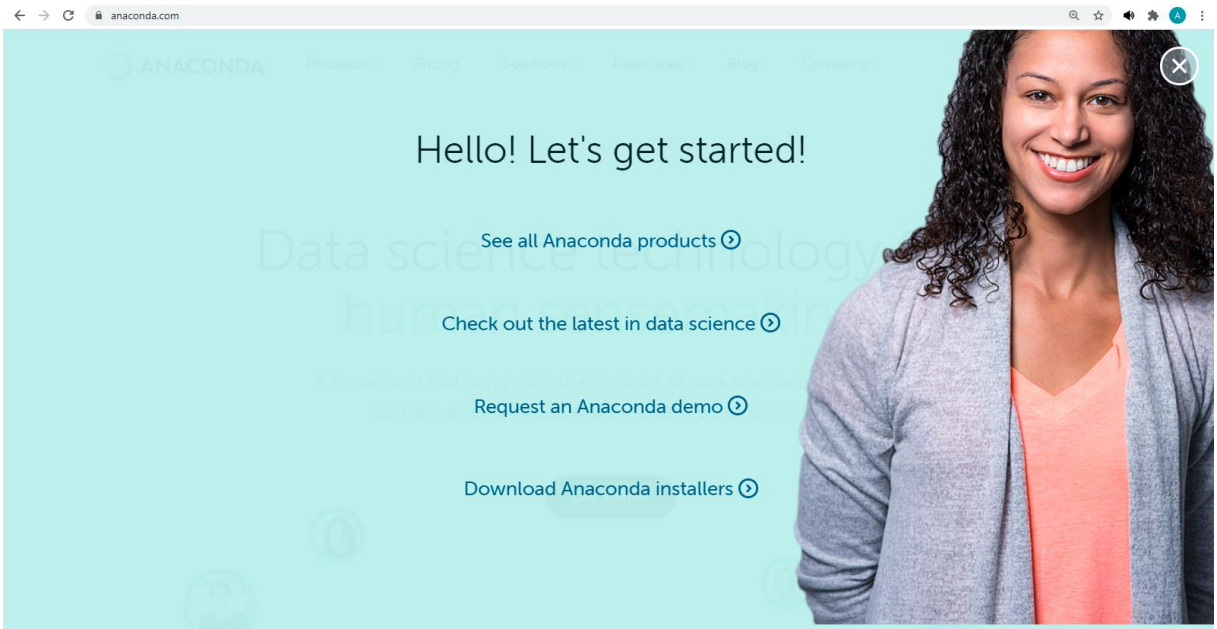


2. Anaconda

2.1. First you have to go on https://www.anaconda.com/



1.2 Click “Get Started”

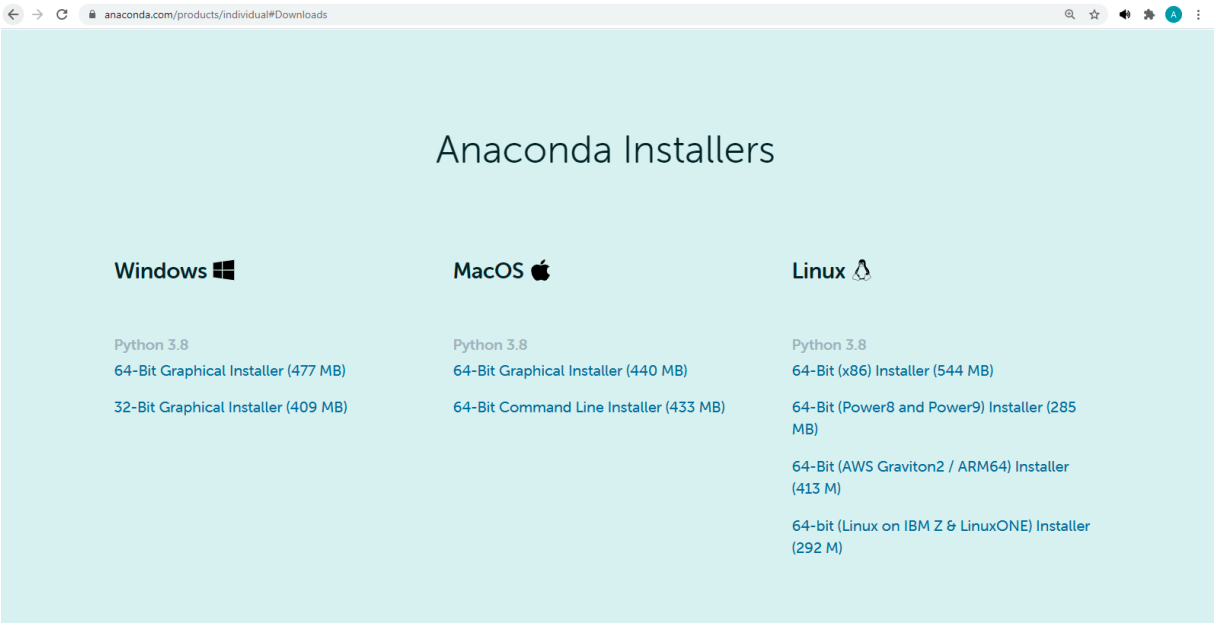


2.2. Click “Download Anaconda installers”

2.3. Choose your version

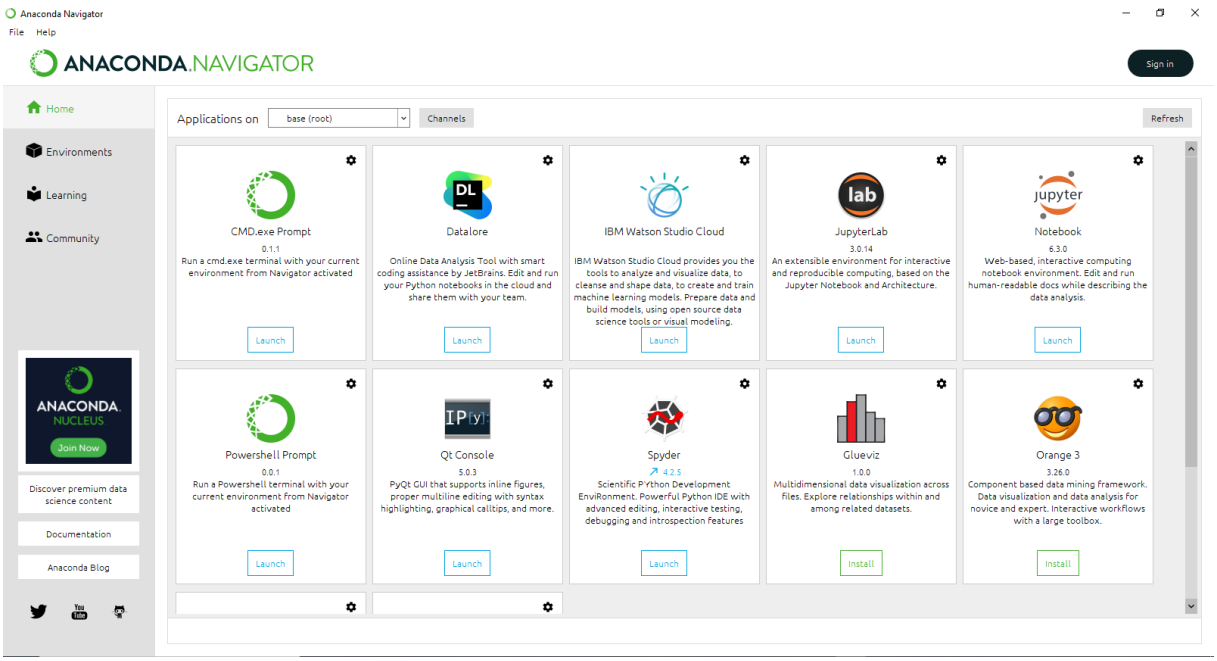
2.4. Download

2.5. Install



2.6. Start Anaconda

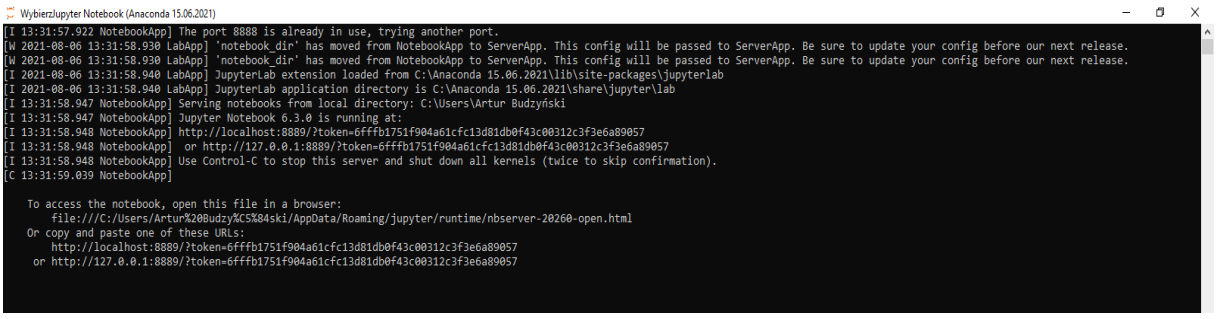
You will see panel like below. You have to instal Jupyter Notebook



3. Jupyter Notebook

3.1. Start Jupyter Notebook. In Windows you make it like each other plain program

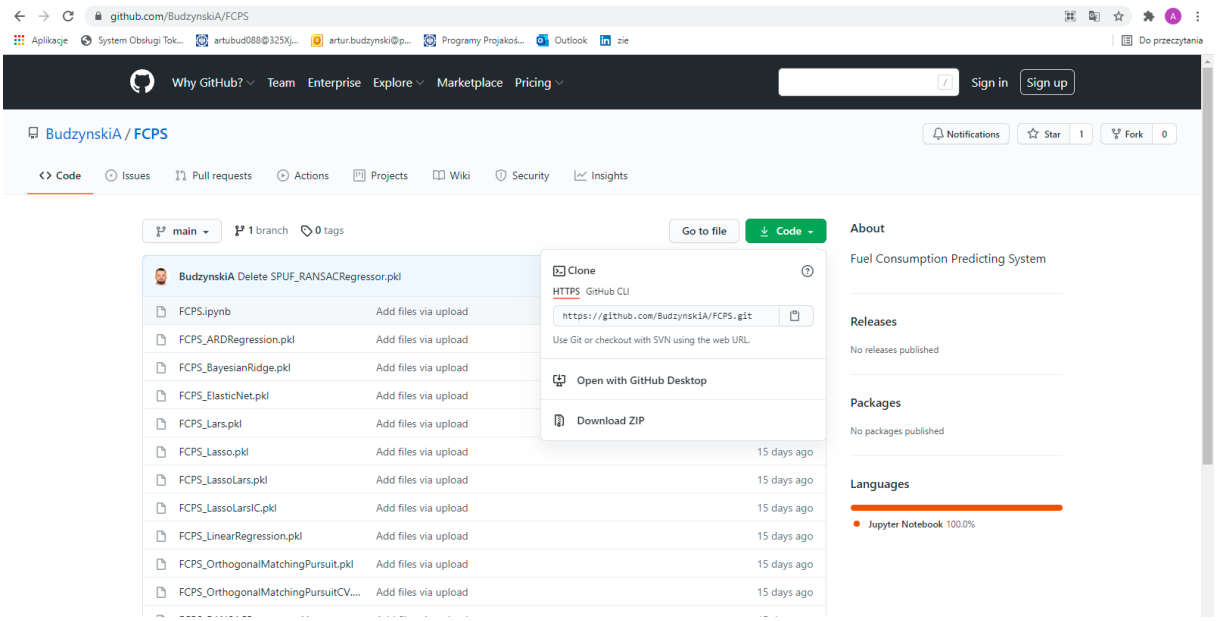
3.2. Copy and paste into browser link. You should see similar window like below:



3.3. Jupyter Notebook is ready to use

4. **Training own model**

4.1. Download all files from https://github.com/BudzynskiA/FCPS like on file below. You have to click "Download ZIP"

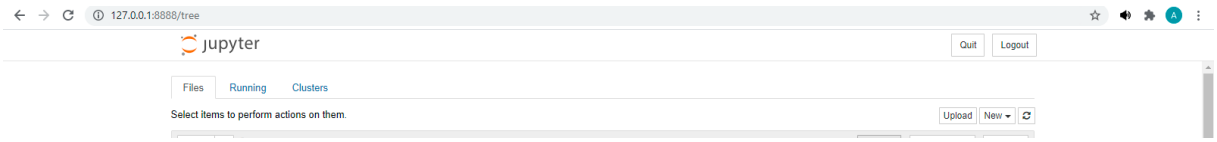


4.2. Unpack files (you can use for it for example in WinRAR https://win-rar.com)

4.3. In Jupyter Nootebook click: "Upload" and choose:

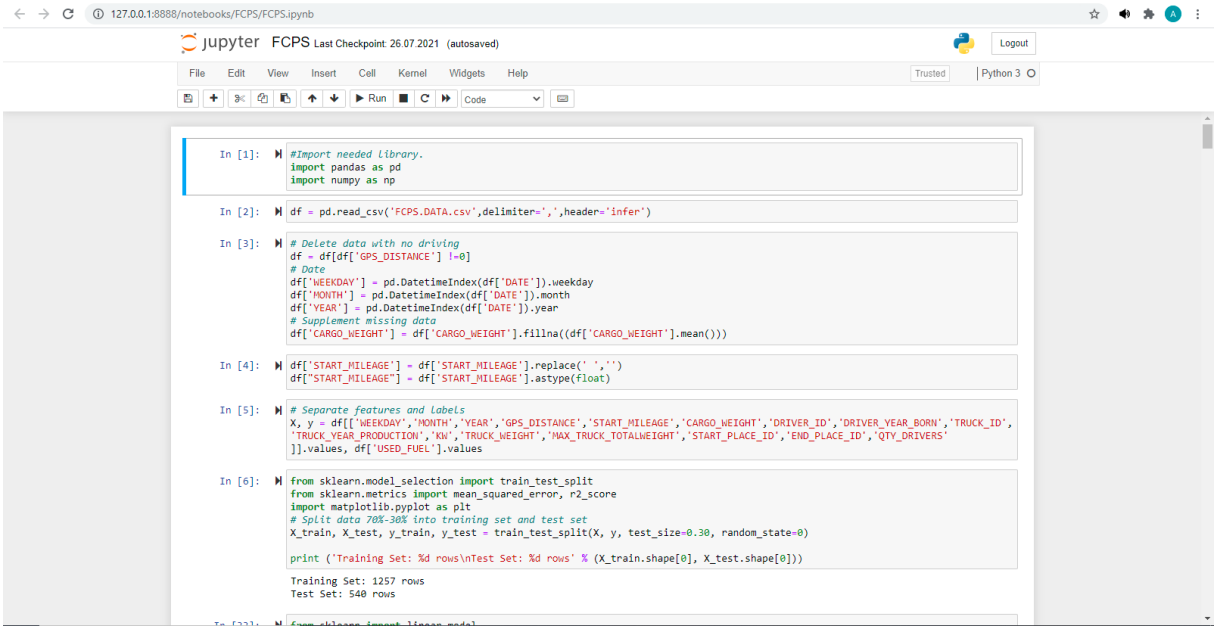
-your csv file with data

-downloaded "FCPS.ipynb" file



4.4. Click Run and look what happen

Important name your file "FCPS.DATA.csv" or change it in project



4.5. You have ready your own project