**Income prediction**

This project was conducted as part of my OpenClassroom Data Analysis bootcamp. I made and then used a OLS regression model.

There is one file attached for the whole analysis. It is made in Python in a Jupyter notebook. There is also a presentation attached.

**Data Preparation**

I generated 2 dataframes out of the original data one from the raw data and a logged data.

There were 3 Tasks, Task 1 and 2 are related to preparing the data for the models and Task 3 is the modelling part.

**Data Analysis**

* An **ANOVA** with the individual's country as the only explanatory variable.
* A**linear regression** including as explanatory variables only the mean income and the Gini index of the individual 's country.
* A**linear regression** including as explanatory variables the mean income, the Gini index of the individual 's country and the parent’s income class.