



# Machine Learning.

Linear regression with ChatGPT.

## Exercise. ChatGPT and Customer data.

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*In this exercise: Do not worry too much about understanding all of the details in the code that ChatGPT gives you. We will work more detailed with scenarios like this one later on.*

### **Exercise 1.**

Ask ChatGPT how to make (say) 60 random points with a X and Y coordinate, in Python. The points must randomly be assigned to 3 different colors, where the groups are not mixed, but centered in distinct clusters. And where it is possible (give and take a few outliers) to separate the groups with lines. Now make a plot of these points in Python.

### **Exercise 1.2.**

Now, ask ChatGPT for Python code that can make a (two) line(s) that separate the clusters. Ask ChatGPT for code that can plot this.