**Error bar in Bar Charts**

Basically, we have to demonstrate that to do that practically in coding, we should import two python libraries, which are numpy and seaborn, by the using the following syntax:

\*You can check the Jupyter Notebook\*

The Error Bar is totally useful for every application we’ll be using bar plotting in, but especially for Engineering applications, they are important to show the precision or confidence in a set of data, whether it was measured or calculated values, or even a set of restaurant data.

We can easily control according to what that bar will appear, whether it was the standard deviation, or whatever else in the statistical science. NOTE: -By default it’s set to show according to the mean value of that set.

The bar charts without the error bar may give the illusion of which the data is perfectly precise and with total confidence, and in most cases, this is neither professional nor practical, as the study always depend on the domain which we’re analyzing.

\*We’ll be showing how to control on which way you need your error bar be\*

The error bars can only be used In ‘.barplot()’, as it is a default in this function, but in fact it can not be used in ‘.countplot()’, or other functions in the “seaborn” library as I have read until now.