This project had a few steps to it

I first had to download all the required data in order for the code to run properly (i.e. installing Iris onto a laptop, running “pip install” for panda, numpy, seaborn, madplotlib, etc.)

I then had to find the code necessary to implement the tasks that were being asked of me.

I realized how to import all the necessary documents on my own, as well as printing out the required contents on the output box. However, since use of ChatGPT is encouraged, I also used its help in creating a few pictures of graphs regarding the Iri dataset, which in itself share every aspect of correlation and relationship you can find, even without using Power BI. Even so, I still used it.

I then went onto Power BI and inputted the Iris dataset from Google Sheets. This gave me an extensive report on all the columns and data necessary to make a statement. As you can see, sepal_length and sepal_width peak once in the middle like a bell curve, while petal_length peaks tce in the middle, signifying that more than one x-value or input is enough for a desirable output (like a straight line on a line graph).

All the other finding from the bar graphs, line graphs, box plots, and the final graph with everything does as good of a job as Power BI would in explaining and showing relationships, causes and effects of these items.

All the pictures I am describing can be found in my GitHub, as well as my code and my Power BI report.

Thank you,

Sajid Jailani