**Data Visualization**

**Assignment #2**

1. Using the data RegData.xlsx [Sheet 1] describe, calculate, and provide the correlation matrix between variables X and Y [30 points]

Write down the steps, import the data sheet to bi / created a column doing that calculation …..

1. Using the data RegData.xlsx [Sheet 2] describe, calculate and provide the correlation index between variables X and Y per country [20 points]

Again the steps without repeating the one’s from the previous question

1. Using the data RegData.xlsx [Sheet 2] describe, calculate and provide a table with descriptive statistics for variable X per country [10 points]

|  |  |  |  |
| --- | --- | --- | --- |
| Country A | Mean | Std | .max/min…. |
| Country B |  |  |  |
| Country C |  |  |  |

1. Using the data RagData.xlsx[Sheet 2] describe, estimate and provide the Linear Regression coefficients for a model where X explains Y per country. Suggest and present visualizations (screenshots) in order to explain the fit. [30 points]
2. Produce the ANOVA table per country [10 points]

|  |  |  |  |
| --- | --- | --- | --- |
| SSR |  |  |  |
| SSE |  |  |  |
| SST |  |  |  |

Find the calculation and do it in PBI. Show the formula in the steps and do the calc on pbi.