**QMBU 450: Selected Topics in Quantitative Methods**

**Homework – 02 Report**

**Linear Regression**

**Name:** Abdul Rahman Hamadeh

**Brief Introduction:**

In this homework a linear regression function is implemented and is executed with collected data from an API.

The data is collected and is passed to a regression function that would fit a linear regression function into the data. The data being the currency exchange rate of USD to TL over the course of the last 100 days from the day the data collection function is called.

The data was retrieved using an API called [forex-python](https://forex-python.readthedocs.io/en/latest/usage.html)