**Lecture 20 questions**

**A1.** In the file "BTC-USD.txt", you find the end-of-day bitcoin price as measured in USD. Import the data and make a line plot of the bitcoin price. Feel free to add labels, legends, etc.

**A2.** In the file " percent\_below\_upper\_secondary.txt", you find the % of adults between 25 and 64 which have attended tertiary education in some OECD countries. The numbers are from 2020 and is taken from the OECD database. Import the data and make a histogram of the % which have attended tertiary education. Feel free to add labels, legends, etc.

**A3.** You are given data on unemployment and inflation.

unemp = [0.068,0.075,0.069,0.061,0.056,0.054,0.049,0.045,0.042,0.04,0.047,0.058,0.06,0.055,0.051,0.046,0.046,0.058,0.093,0.096,0.09,0.081,0.074,0.062,0.053,0.049]

infl = [0.04234964,0.030288197,0.02951657,0.026074416,0.028054197,0.029312042,0.023376899,0.015522791,0.021880272,0.033768573,0.028261711,0.015860316,0.02270095,0.02677236,0.033927468,0.032259441,0.028526725,0.038391003,-0.003555463,0.016400434,0.031568416,0.020693373,0.014648327,0.01622223,0.001186271,0.012615832]

Make a scatterplot of unemployment vs inflation. Do you see a pattern?