

Exercise

- To the right are the highest stock prices per day (in US dollars) for Microsoft (MSFT) and Apple (AAPL) for the last 49 days.
- Use your favourite software package to make a scatterplot of the data.
- Calculate the equation of the regression line for predicting AAPL from MSFT and superimpose it on your scatterplot.
- Is there a significant correlation between MSFT and AAPL (i.e., what is r and what is the corresponding p -value)?

MSFT	AAPL
47.38	101.8
47.57	102.29
46.83	101.93
46.69	101.27
46.85	99.8
46.71	102.81
47.02	101.21
47	100.41
46.94	98.01
46.97	99.08
46.8	99.3
45.93	98.8
45.27	98.85
45.11	103.1
45.46	103.06
45.44	102.86
44.98	101.59
45	101.02
45.4	101.42
45.44	101.79
45.47	100.29
45.25	100.57
45.4	100.44
45.34	99.41
45.11	98.49
44.9	97.9
44.42	97.33
44.18	96.15
43.59	96.04
43.45	95.27
43.32	94.26
43.45	94.93
43.17	94.75
43.46	95.36
43.47	96.37
43.25	94.9
43.69	97.16
44.1	98.44
44.09	99.33
44.51	97.82
44.66	96.85
45	97.04
45.45	95.42
45.15	94.68
45.16	94.99
44.84	93.62
45.71	95.03
44.31	96.97
42.47	96.8