

BUEC 420 Assignment 2

January 30, 2025

The second assignment is to create graphs and tables before 23:59 on Feb. 22. Several questions already provide solutions. To learn more, you should solve them yourself first and then discuss them with your classmates.

1 Question 1, Chapter 3

Pick another city beyond Vienna from the **hoels-vienna** dataset, and create a data table comparable to the one used in our case study, Visualize the distribution of distance and the distribution of price and compute their summary statistics. Are there extreme values? What would you do with them? Describe the two distributions in a few sentences. (2 scores)

2 Question 2, Chapter 3

Choose the same 2016/7 season from the **footable** dataset as in our data exercise and produce a different table with possibly different statistics to show the extent of home team advantage. Compare the results and discuss what you find. (2 scores)

3 Question 3, Chapter 4

Use the *wms – management – survey* dataset, pick a country other than Mexico, reproduce all the figures and tables of our case study, and compare your results to what we found for Mexico. (2 scores)

4 Question 4, Population Pyramid Graph

Replicate the graph from the [the YouTube video](#) and explain it. (2 scores)

5 Question 4, Figures From the McKinsey & Company

Replicate the three graphs from the [the video](#) and explain them. (2 scores)