**Chapter 2 Assignment: Analyze the ramen data**

data file: ramen-ratings.csv  
Tasks (some require skills from Chapter 1)

1. In the top cell, use Markdown to add an H1 Heading “Chapter 2 Assignment”  
2. In the next cell, add your name in an H2 Heading.  
3. Enter code to make the Pandas module available.  
4. Read the data from the ramen-ratings CSV file into a DataFrame.  
5. Display the first five rows of data.  
6. Display the last five rows of data.  
7. Display statistical information using the describe() method.  
8. Display the number of unique values for each column.  
9. Display rows only where the country is Vietnam.  
10.Display only the Brand and Style columns.  
11.Display only the Country column.  
12.Display the data after sorting by the Stars column from high values to low.  
13. In the Country column, replace “USA” with “United States”.  
14. Save this change and then display the first five rows to confirm the change.  
15. Display the number of countries represented in the data.  
NOTE: 16 and 17 are more difficult and require method chaining.   
16. Display the three countries with the **highest** average rating. See required output below.

Graphical user interface, text

Description automatically generated with medium confidence

17. Display the three countries having the **lowest** average rating. See required output below.

Graphical user interface, text, application

Description automatically generated

18. Duplicate 17 but add code that reports the time taken to run the statement.  
Save your notebook, compress it to a zip, and submit the zip to the drop box.