Netflix Data Science Foundations Boot Camp – Stock Correlation Rubric

This assignment will be evaluated against the requirements in the following rubric and assigned a grade as shown in the Assignment Grading table. The maximum number of points for each requirement is shown in the Points column.

Assignment Grading

Grade	Points
High Pass	90 or more
Pass	70–89
Fail	1–69
Incomplete	0

Requirements	Points
The CSV file is read into a DataFrame, and the index is set to the "date" column.	20
The daily returns are calculated by using the "pct_change" function, and the null values are dropped.	20
The correlation table of each stock-to-stock pair is calculated by using the "corr" function, and that table is printed.	20
A heatmap of correlation values is created by using the Plotly "imshow" function.	20
A semiconductor stock is recommended as the best candidate to add to the existing portfolio.	20
Total	**100**