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**6.2 Exercises: Charts**

**Dataset used:**

education.csv

disney.xlsx

**Summary**

Histograms and Boxplots were a good refresher in Python and R, and new to me in Power BI. I much rather preferred them in the programming languages due to familiarity. I also think they would be used there more frequently during EDA. I think the inverse would be true for the bullet chart as I would set it more as a dashboard / KPI tracking which would get built out in Power BI. For the new charts, I did a Sankey in Power BI using a dataset of Disney Expenses. I used the same dataset in Python and R and created Violin charts. They were an option in a previous exercise, but I did not create them.

**The following pages contain:**

Power BI:

Histogram

Box Plot

Bullet Chart

Sankey

Python:

Histogram

Box Plot

Bullet Chart

Violin Chart

R:

Histogram

Box Plot

Bullet Chart

Violin Chart

**Appendix**

Code support for both Python and R notebooks

Chart, histogram

Description automatically generated Chart, box and whisker chart

Description automatically generated A screenshot of a computer

Description automatically generated with medium confidence A picture containing chart

Description automatically generated

Chart, histogram

Description automatically generated Chart, box and whisker chart

Description automatically generated Graphical user interface

Description automatically generated Chart

Description automatically generated Chart, histogram

Description automatically generated Chart, box and whisker chart

Description automatically generated Chart, bar chart

Description automatically generated Diagram

Description automatically generated with medium confidence

APPENDIX