

Investigate a Dataset Project

1- I investigated the TMDB Movies dataset.

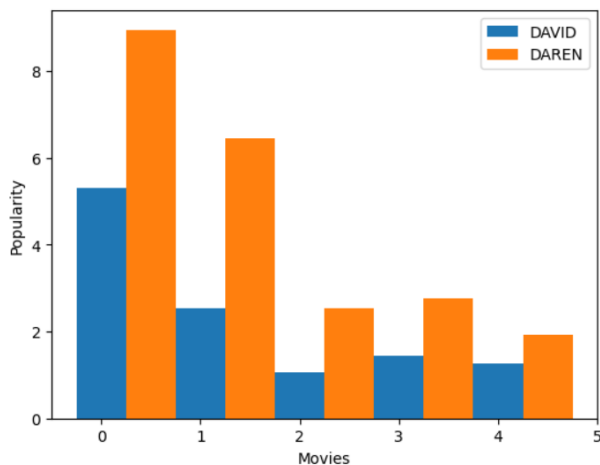
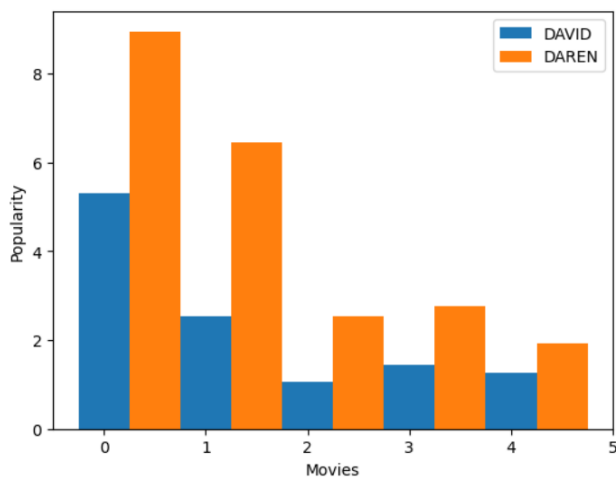
2-The questions I have stated were: a-In a comparison between two directors, which one of them has the most popular movies? b-Does the vote average have an impact on each director's popularity in the movies?

3-I used multiple groupby pandas functions; get_group to get a dataframe for each director, another data cleaning process, and lastly, multiple graph visualizations to compare the different values.

4-I plotted the exploration I encountered in pie graphs and bar graphs.

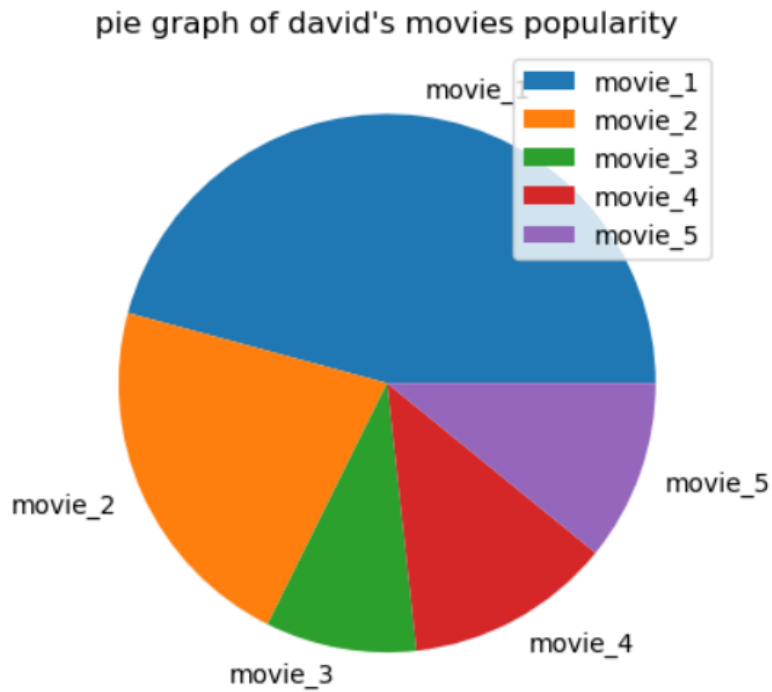
5: At the end, I found out that David's movies are more popular than Darren's, not to mention that the variable vote_average has an impact on the movies' popularity.

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Out[158]: <matplotlib.legend.Legend at 0x20b0a7e4190>
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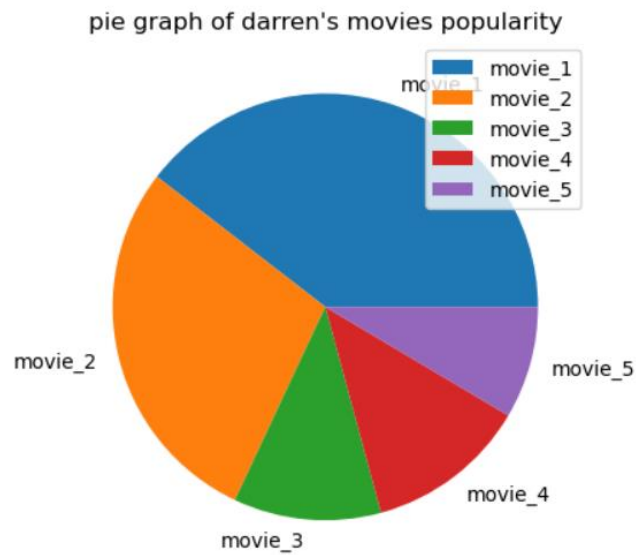


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plt.show()
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plt.show()
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Resources; https://www.w3schools.com/PYTHON/matplotlib_pie_charts.as, the codes in the courses + additional websites that provide documentations and Youtube tutorials of closed tabs