

How much do we get paid (Story # 4)

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Question

For this week's story the question focuses on different job roles within the “data practitioner sphere” and how much does each job role pay, we will focus on average salary per role, average salary per country and average salary per experience level

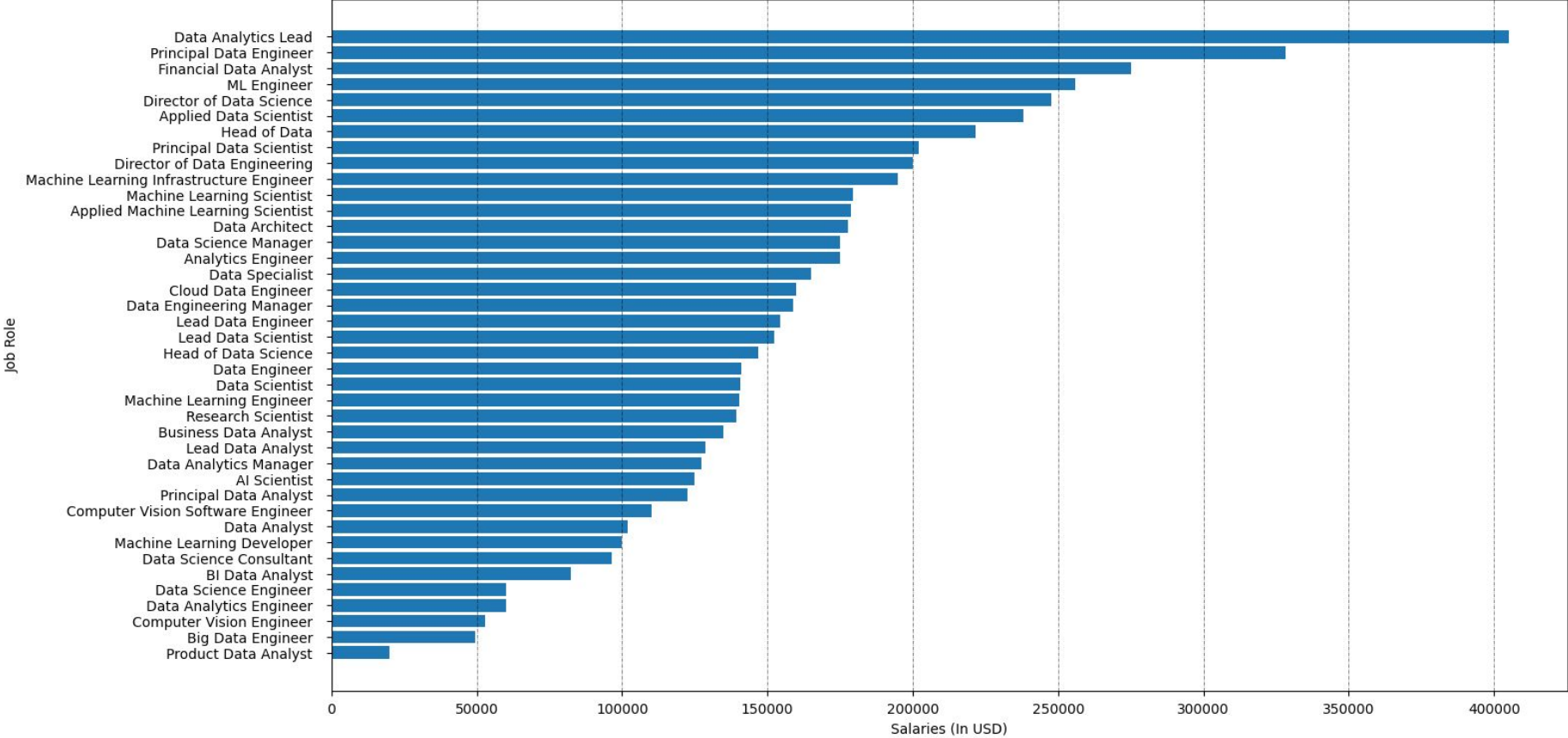
I will use the matplotlib library in Python to visualize the data, as well as pandas to clean and visualize the data.

Some information about the dataset

- The dataset was found from Kaggle, and the dataset contains information about information about data science job salary
- The dataset contains 607 observations and 12 columns
- I cleaned and polished the dataset to focus on earnings within USD (United States Dollars..) and columns name were changed for better understanding for the viewers

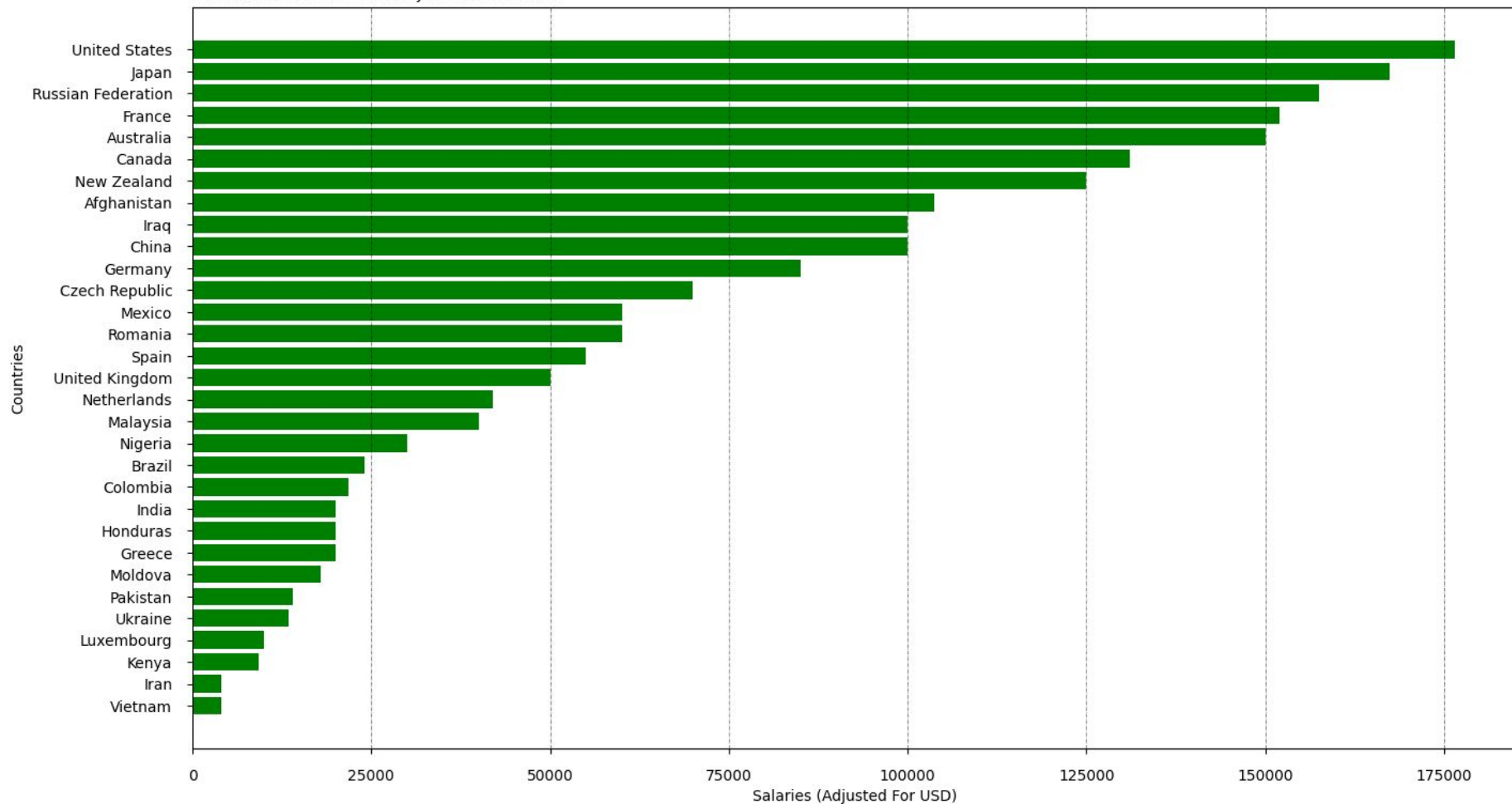
Average Salaries By Job Role

Top-Earning Roles: A Comparison of Average Salaries



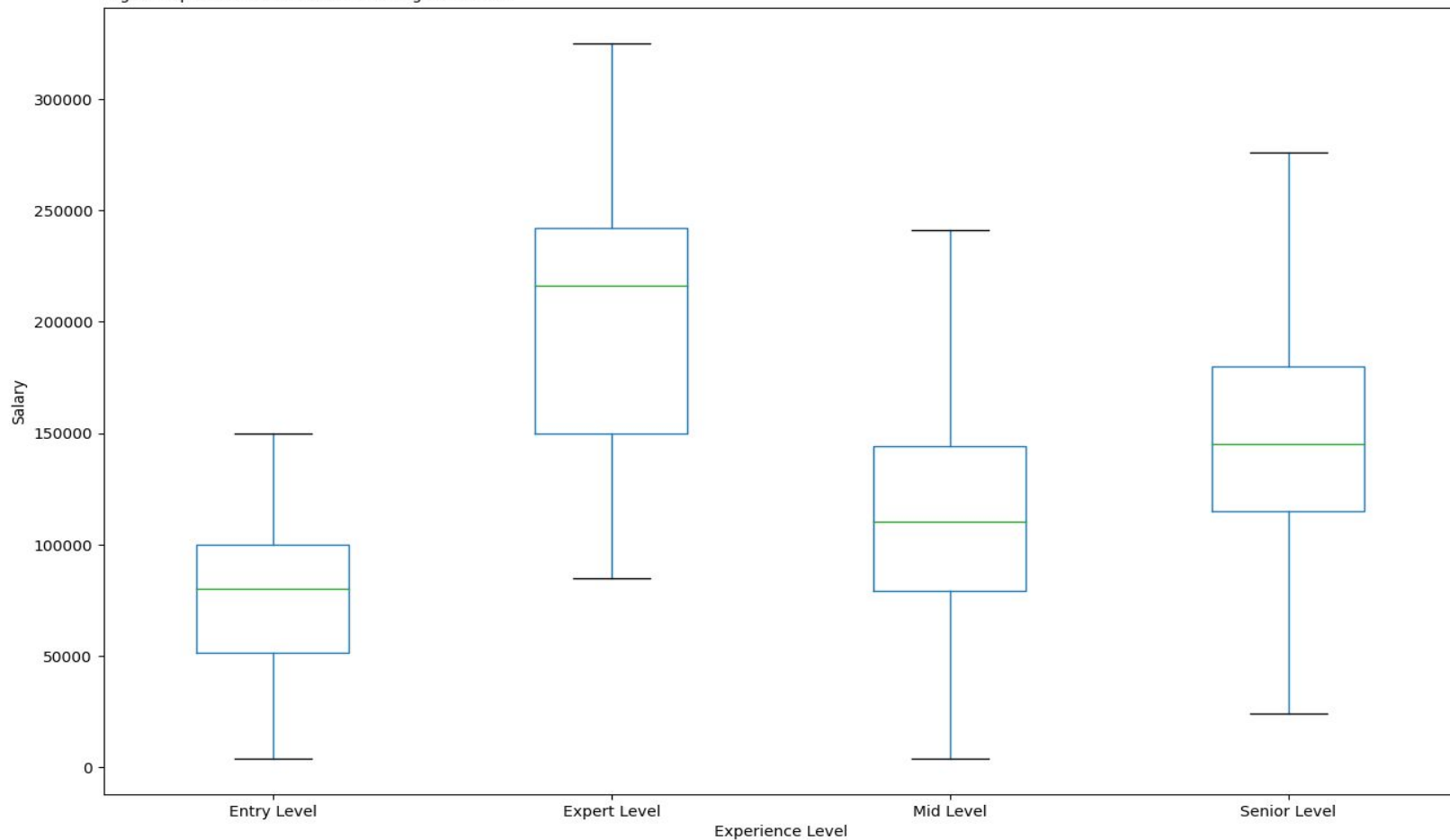
Average Data Roles Salaries by Country

Data Knows No Borders: Salary Trends Worldwide



Salary Distribution by Experience Level

Higher Experience Levels Come with Higher Salaries



Insights:

- The analysis shows that on average principal data engineer, lead data analytics and financial data analysts make the highest salary
- On average the United States, Japan and Russia has the highest average salaries within their data roles
- Generally, those with more experience are paid more.. Those with more experience levels have the highest salary distribution

References:

Link to the Kaggle Dataset containing salaries:

<https://www.kaggle.com/code/hasibalmuzdadid/data-science-jobs-salary-analysis-rocket-vibe/input>

Link to the google colab file containing code:

<https://colab.research.google.com/drive/1mYiZkYQIfH1GxiYAzVbyrjP-57ShHW8-?usp=sharing>