

Marjete Vucinaj

Story - 4 : How much do we get paid?

Instructions

I have introduced the term "Data Practitioner" as a generic job descriptor because we have so many different job role titles for individuals whose work activities overlap including Data Scientist, Data Engineer, Data Analyst, Business Analyst, Data Architect, etc. For this story we will answer the question, "How much do we get paid?" Your analysis and data visualizations must address the variation in average salary based on role descriptor and state.

The information for this story was obtained on ZipRecruiter. The roles in the dataset are limited to those in the question: Data Scientist, Data Engineer, Data Analyst, Business Analyst, Data Architect, and the dataset contains the average salary for each role in all states in the U.S. The heat map below was created on python using matplotlib. The visualization shows the salary for each state and role in ascending order. It is clear that Data Analyst roles have lower salaries than other roles, which can be seen using the color map(in the lightest shade of blue). Data Architects have the highest average salaries, with dark blue shades in many states. The visualization is in ascending order.

