

**Executive Summary**

**Topic: Variation in Data Practitioner Salary by Role and State**

***Target Questions:***

- 1. What variation in average salary for Data Practitioner jobs exists by role and state

**Table of Contents**

Executive Summary.....1

    Topic: Variation in Data Practitioner Salary by Role and State.....1

        Target Questions:.....1

        Context.....2

## Context

Roles and sub-fields within data science are rapidly expanding with notable differences in pay and responsibility. Using the Bureau of Labor Statistics, Ziprecruiter, and Salary.com for average salaries by state and role combined with Wisevoter's Cost of Living Index, the goal is to understand the variance between salaries across role and state.

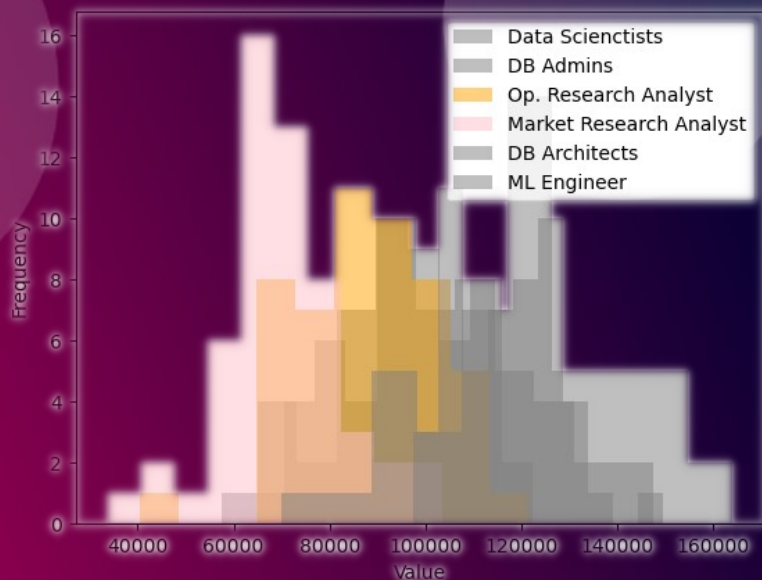
## Story

Salaries across the board range from \$40,000 - \$160,000+ with little to only moderate at best correlation between salaries and cost of living by role. Viewing distribution and cost of living explains variations.

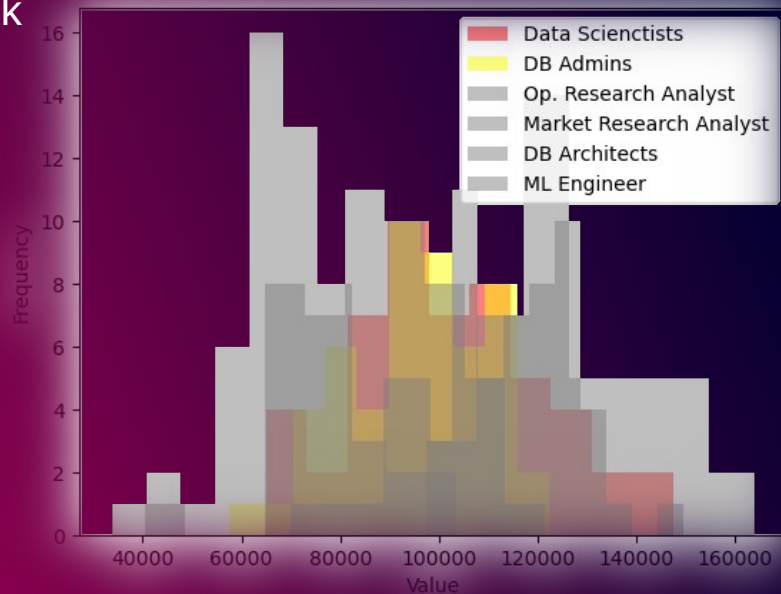
### Cost of Living Has Moderate to Weak Impact



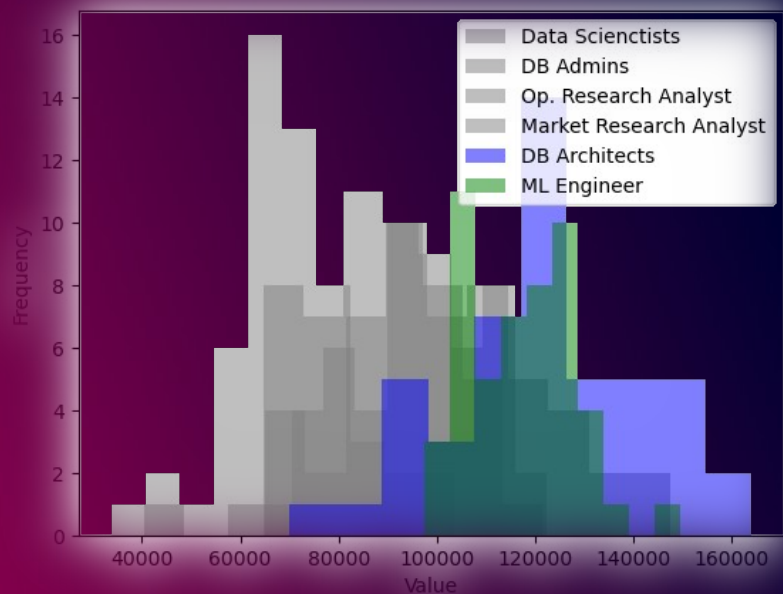
## Business Analysts Cover the Rear



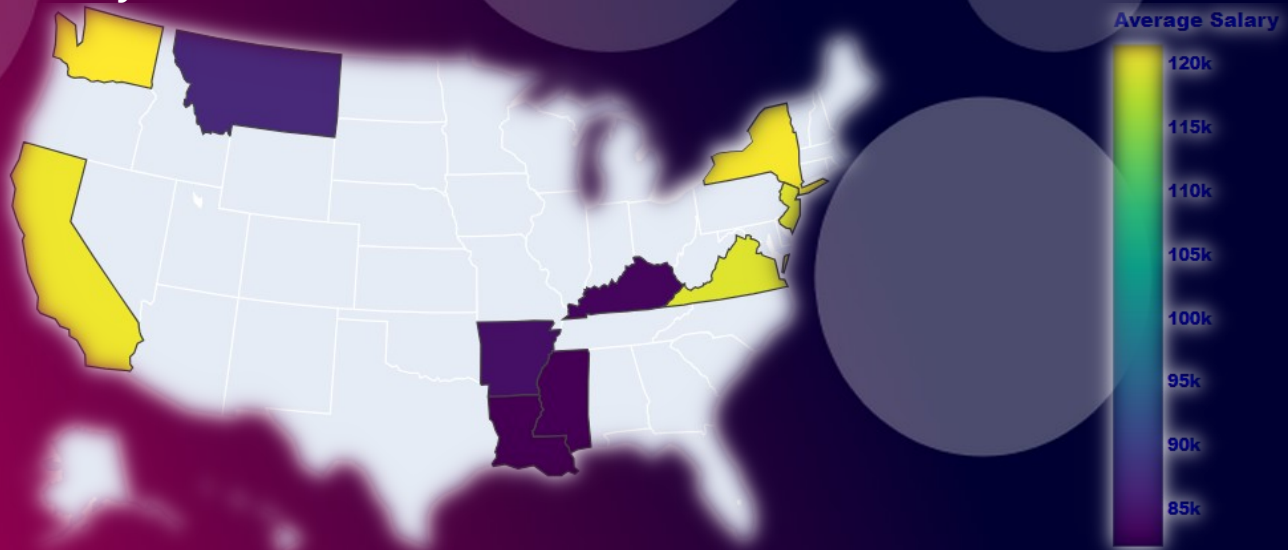
## Scientists and Admins Center the Pack



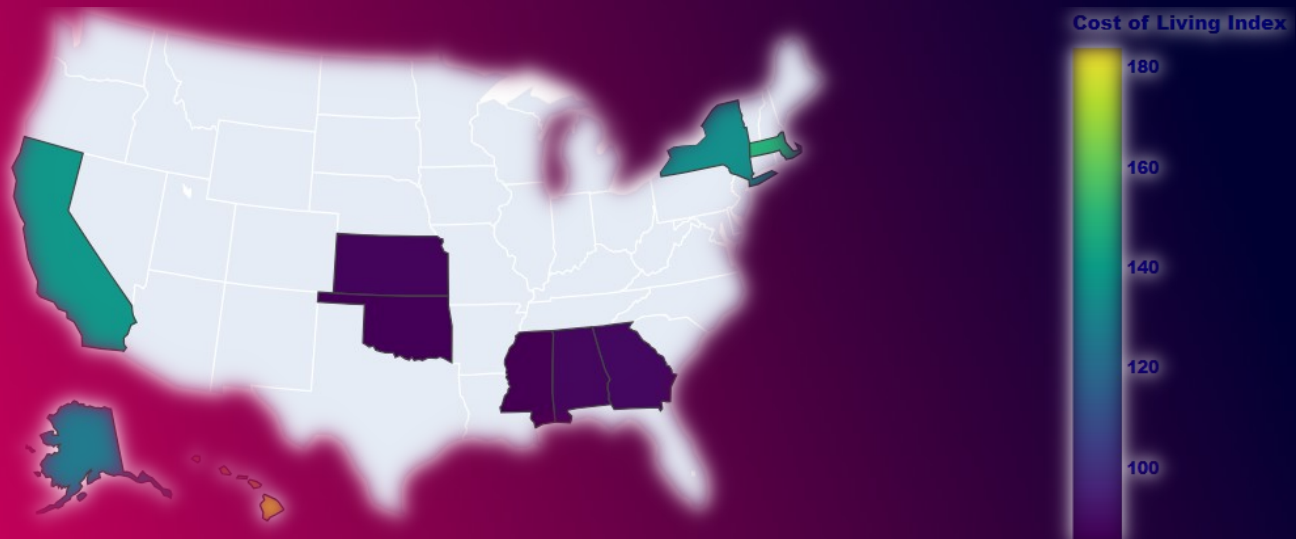
## Architects and Engineers Lead



## West and NE Lead Average Salary



## West and NE Lead Cost of Living



## ***References/Code Appendix:***

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[https://github.com/CUNY-SPS-Data-Science-Program/your-bio-d-ev-craig/blob/main/Major%20Assignments/Story%204/Story\\_4\\_DCraig.ipynb](https://github.com/CUNY-SPS-Data-Science-Program/your-bio-d-ev-craig/blob/main/Major%20Assignments/Story%204/Story_4_DCraig.ipynb)