

# Careers In Data Science

Munya & Sohail



# What we did?

- Data Cleaning
- Custom Fonts
- Spatial Features
- Color Palette
- ML Models



<b>job_title</b> <chr>	<b>seniority_level</b> <chr>	<b>status</b> <chr>	►
data scientist	senior	hybrid	
data scientist	lead	hybrid	
data scientist	senior	on-site	
data scientist	senior	hybrid	
data scientist	NA	on-site	
data scientist	lead	NA	

6 rows | 1-3 of 12 columns



Performed imputation based on KNN to fill NA values

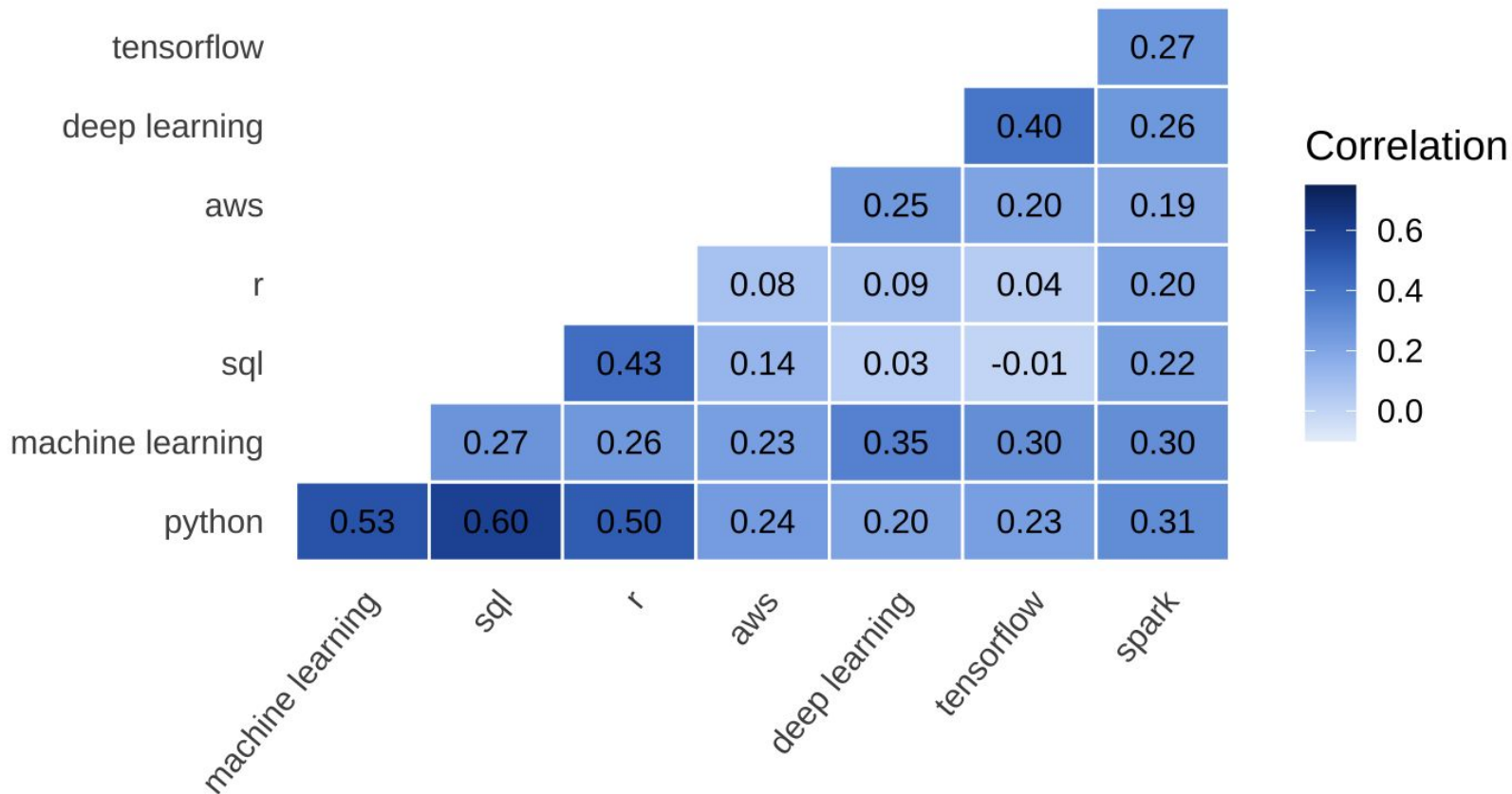
<b>job_title</b> <chr>	<b>seniority_level</b> <chr>	<b>status</b> <chr>	►
data scientist	senior	hybrid	
data scientist	lead	hybrid	
data scientist	senior	on-site	
data scientist	senior	hybrid	
data scientist	senior	on-site	
data scientist	lead	on-site	
data scientist	junior	on-site	
machine learning engineer	senior	on-site	
data scientist	senior	remote	
data scientist	senior	on-site	

1-10 of 944 rows | 1-3 of 11 columns

Previous 1 2 3 4 5 6 95 Next

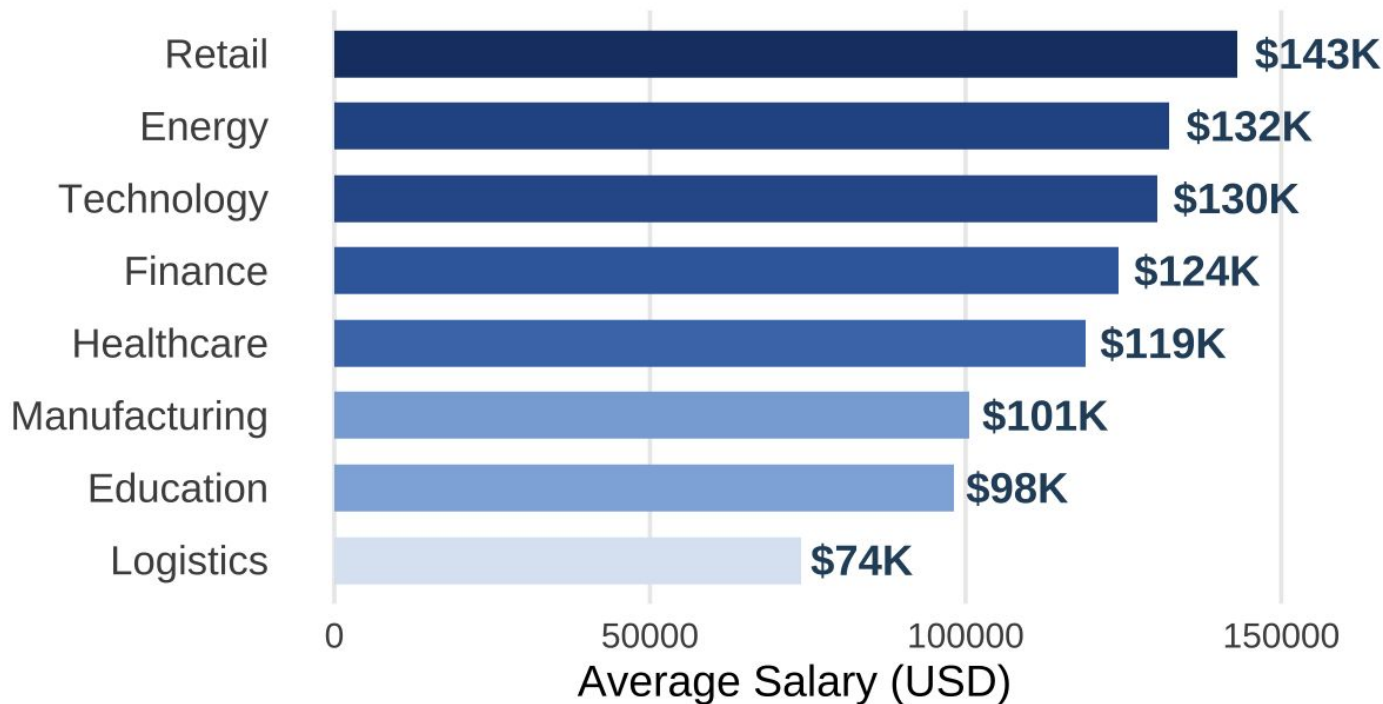
# Skills Co-Occurrence Heatmap

Correlation between top 8 most frequent skills



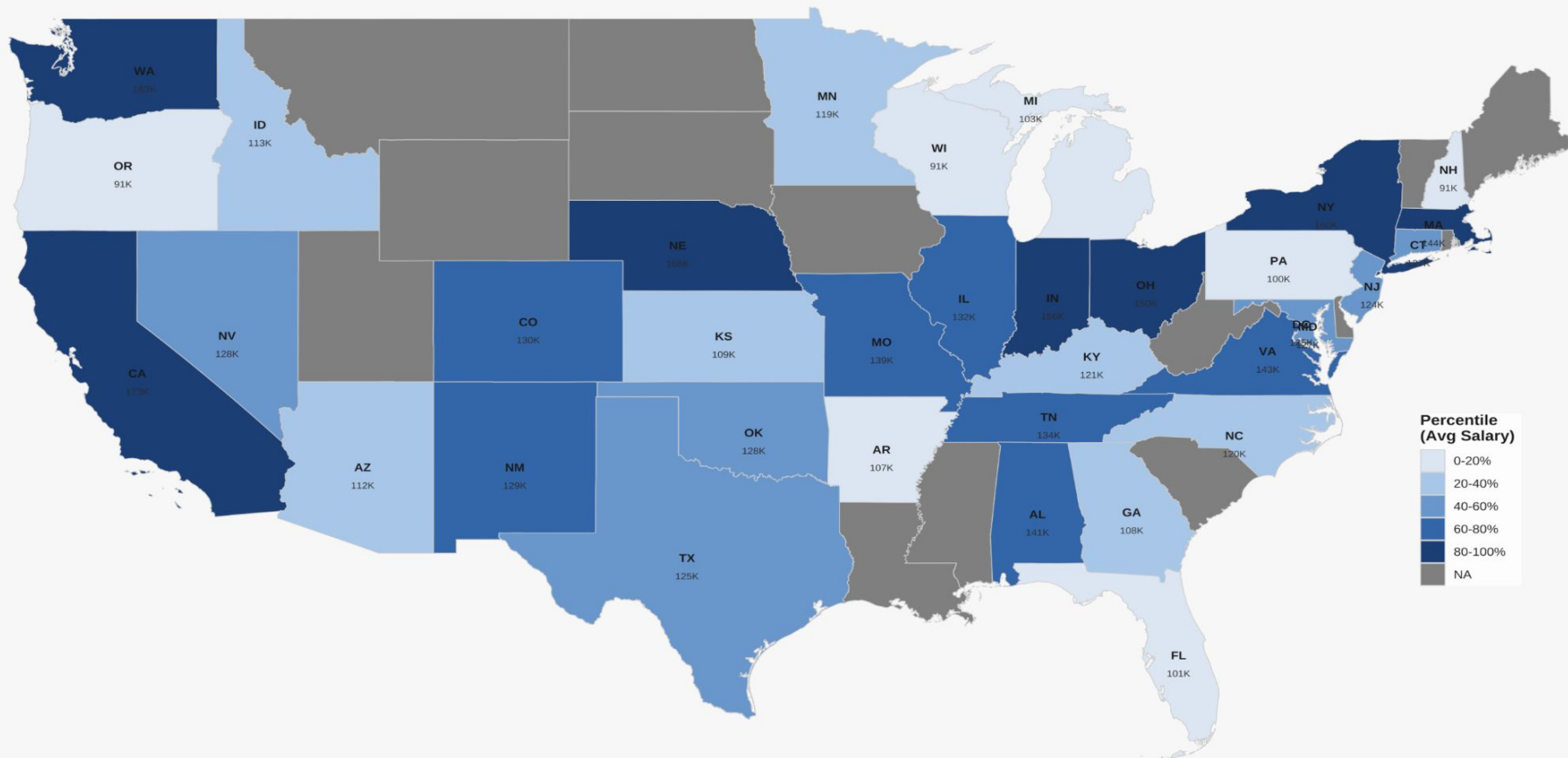
# Average Salary Across Industries (2025)

For data science jobs



## Average Data Science Salaries by U.S. State (2025)

Percentile bins represent relative position within all U.S. states



**Linear Regression (Lambda tuning = 0) — Predictions are approximately off by 1.7K**

MAE (Standard) : 1695.676

# Thank you!