

# Introduction

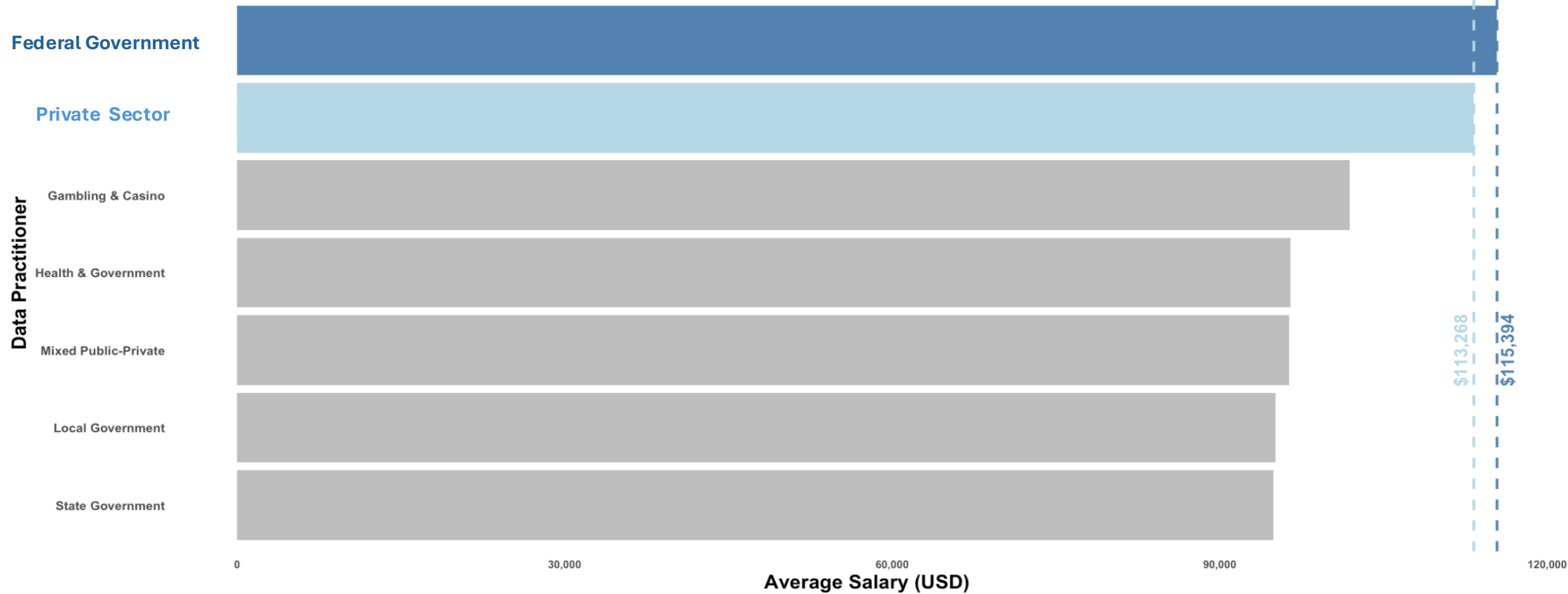
- **Role of Data Practitioners:** Data Practitioners — including Data Scientists, Data Engineers, Data Analysts, Business Intelligence Analysts, and Database Architects — are essential in guiding data-driven business strategies and decision-making.
- **Purpose of Analysis:** This analysis provides insights into data practitioner salaries, focusing on variations by role, industry, and state.
- **Data Source:** 2023 **Occupational Employment and Wage Data** from the U.S. Bureau of Labor Statistics ([May 2023 BLS-OEWS Data](#)) reveals trends in average salary and employment across the U.S.
- **Key Focus:** We highlight regional differences and compensation ranges for each role, which offer a clear view of where data practitioners are in highest demand and compensated accordingly.

# National Average Salary and Total Employment by Data Practitioner Role



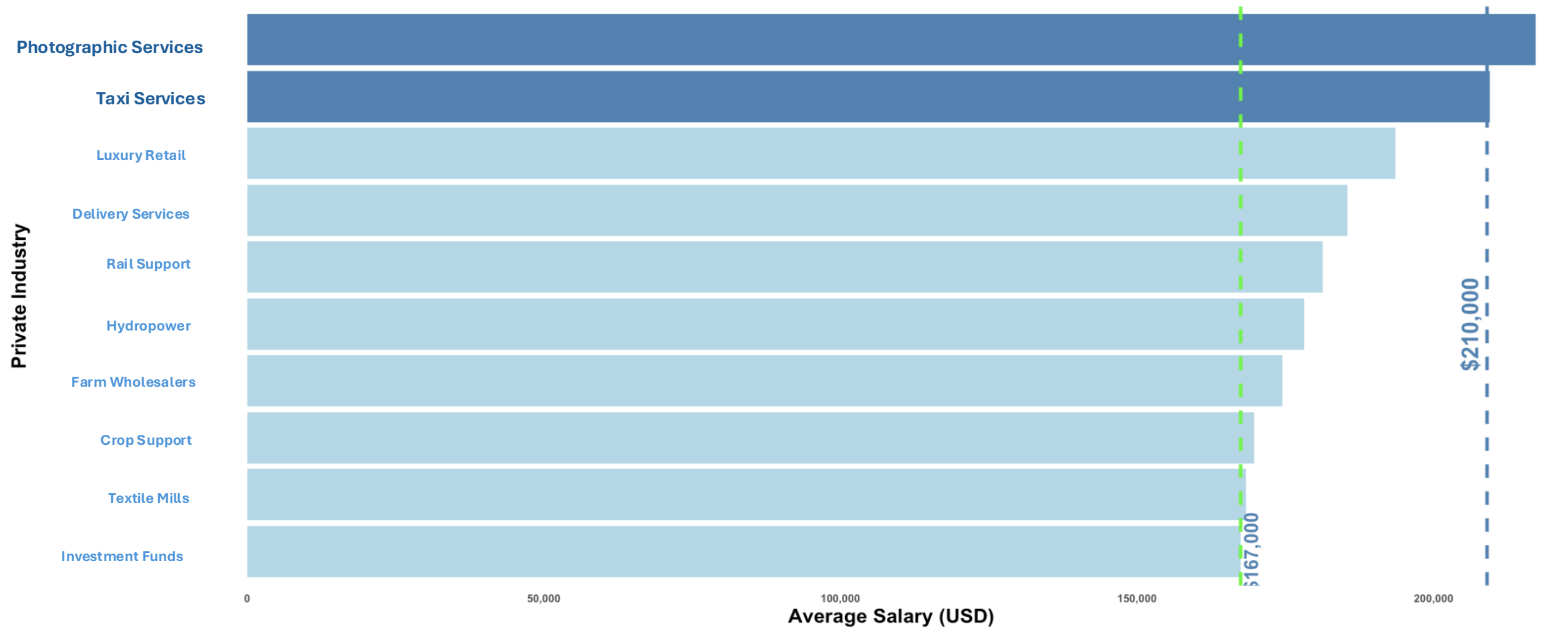
- **Highest Salary:** Data Architect roles command the highest average salary among data practitioner roles nationally, with salaries exceeding \$150,000 per year.
- **High Demand:** Despite having one of the largest workforces in data practitioner roles, Data Architects remain highly compensated. This combination of high employment and high salary reflects strong demand for Data Architects, as organizations are willing to pay a premium for this skill set.

Data Practitioner Average Salary by Industry



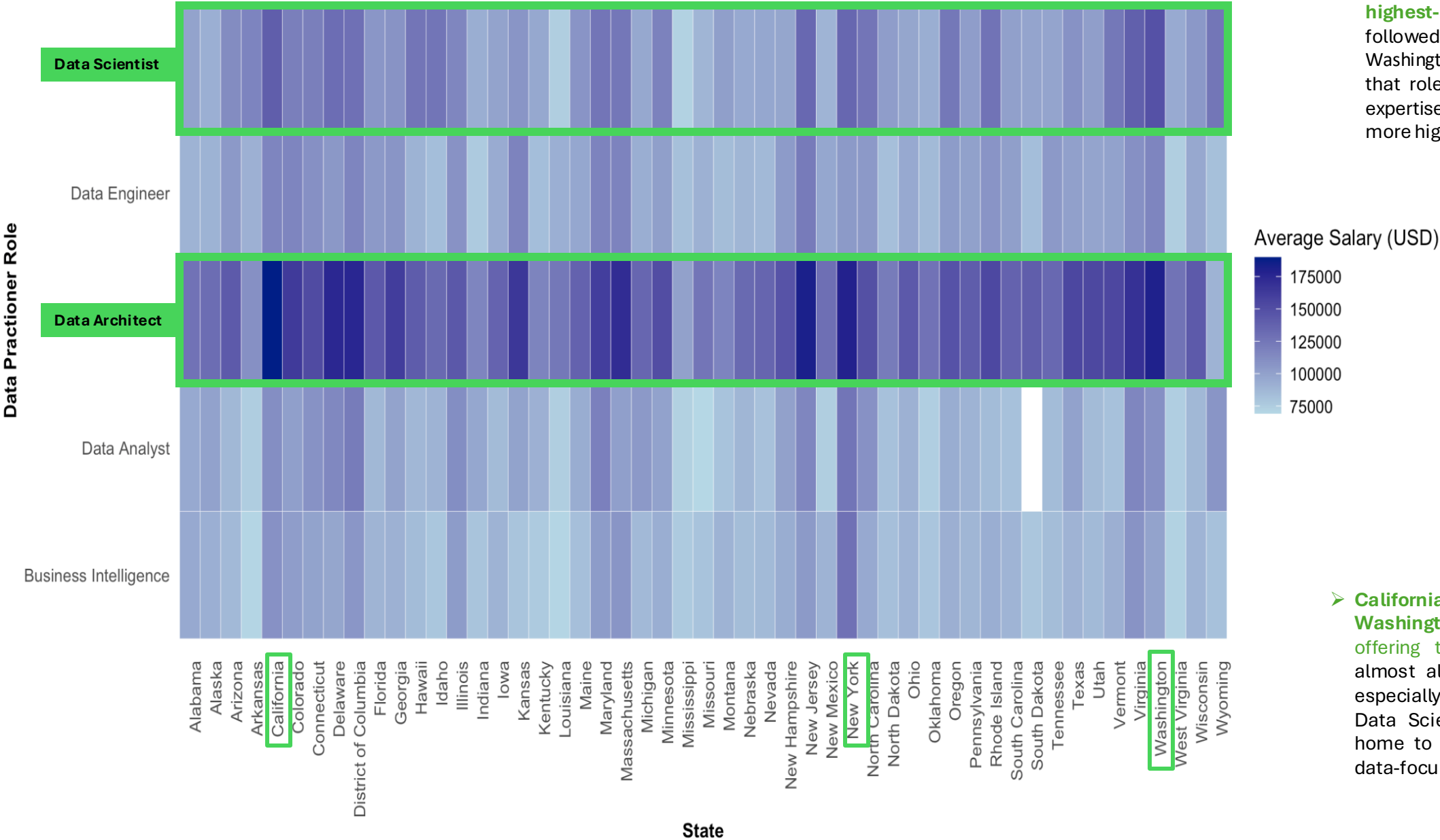
- **Federal Government Leadership:** Among all industry sectors, **the Federal Government leads in average data practitioner salaries, offering more than \$115,000 per year.** This suggests a strong commitment to attracting top data talent to handle complex national projects, security, and administrative needs.
- **Close Competition with Private Sector:** **The Private Sector closely follows, offering an average salary of over \$113,000 per year.** This underscores the high demand for data practitioners across private industries, finance, consulting, where data-driven decisions are critical for business growth.

# Top 10 High-Paying Private Sectors for Data Practitioners



- **High-Paying Industries:** All top ten private industries offer average salaries above \$160,000 for data practitioners, indicating high demand across sectors.
- **Top Earnings in Photographic and Taxi Services:** Photographic and Taxi Services lead with average salaries over \$200,000, emphasizing significant investment in data expertise.
- **Broad Sector Demand:** Industries like Luxury Retail, Delivery Services, and Investment Funds highlight diverse demand for data roles, from retail to finance and energy.

Average Salary by State and Data Practioner Role



➤ **Data Architect** stands out as the **highest-paid** role across states , followed by **Data Scientist** (\$150k in Washington State). This indicates that roles requiring deep technical expertise and strategic oversight are more highly valued.

➤ **California, New York, and Washington** are standout states offering the **highest salaries** for almost all data practitioner roles, especially for Data Architects and Data Scientists. These states are home to major tech, finance, and data-focused companies.

# Conclusion

- **Data Architect as Top Earner:** Commands the highest average salary among data roles, exceeding \$150,000, showing strong demand for high-level expertise.
- **Federal vs. Private Sector:** Federal Government leads in salaries for data practitioners at over \$115,000, with the Private Sector closely following, highlighting competitiveness in attracting talent.
- **Top-Paying Private Industries:** Photographic and Taxi Services offer average salaries above \$200,000, with all top ten private industries paying over \$160,000, reflecting robust investment in data roles.
- **High-Paying States:** California, New York, and Washington consistently offer the highest salaries for data roles, driven by strong tech and finance sectors.