Data Science Job Market Analysis Report

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1. Summary

This report analyses current trends in data science job postings, identifying in-demand skills, popular job titles, geographical hubs, and differences between experience levels. The insights are derived from [Data Science Job Postings](#) using Python (Pandas, NumPy ,Matplotlib, Seaborn, spaCy).

2. Key Findings

Python is required in 85% of job postings
Senior roles demand 3× more cloud skills than entry-level
USA dominates hiring (60% of global postings)

3. Methodology

Data Source: Kaggle dataset (cleaned to remove duplicates, standardized text)
Tools:

Python (Pandas for analysis, Seaborn/Plotly for visuals)
spaCy for NLP skill extraction

4. Conclusion

The data science job market strongly favours candidates with **Python proficiency** and **cloud/ML expertise**, especially for senior roles. The rise of ML Engineer positions indicates growing demand for production-grade ML skills