

Market insight analysis

CASE STUDY: ANALYZING JOB MARKET DATA IN POWER BI



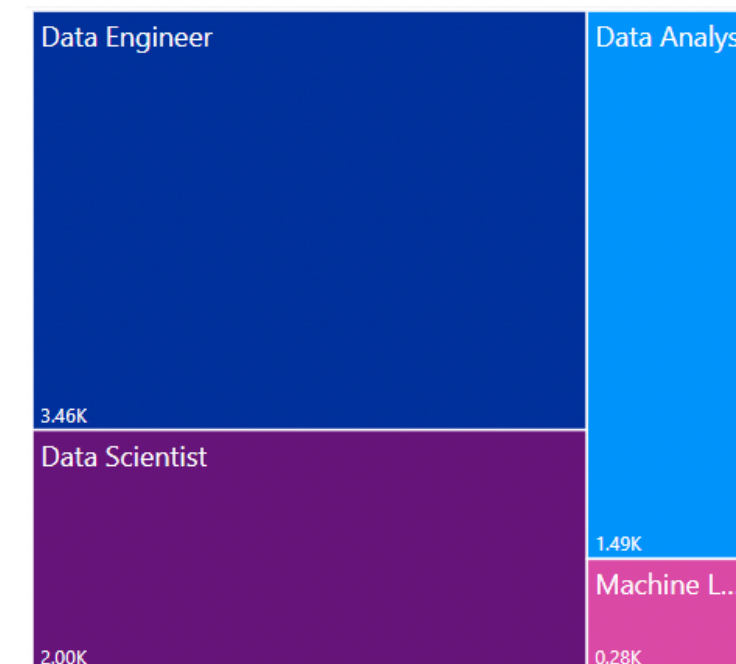
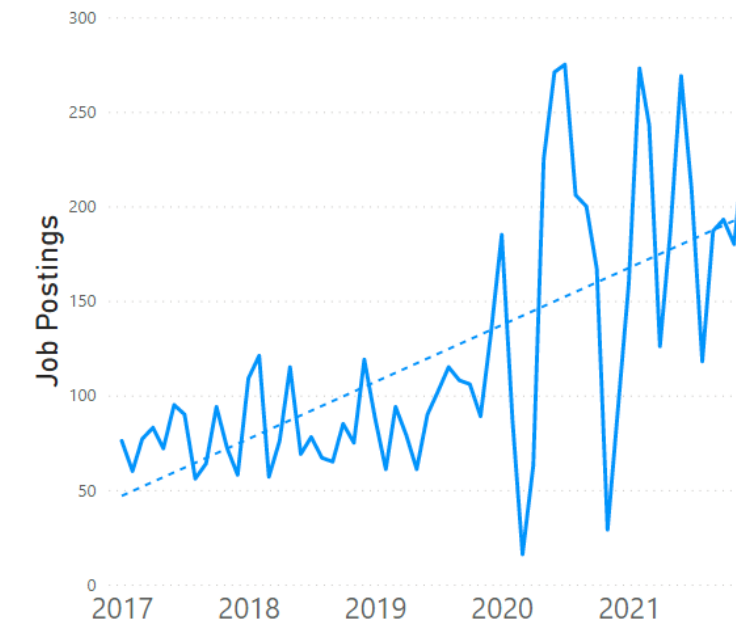
Luke Barousse

Data Analyst & YouTuber

Exploratory data analysis findings

Key Insights:

1. Job postings are increasing in number.
2. Data Engineers, Data Scientists, and Analysts are in demand!
3. Tech industries need data science roles the most.
4. Salaries are trending upward as expected.



Diving deeper into the dataset

Column name	Description
Job Title	Data Analyst, Data Scientist, ...
Job Skills	['powerbi, excel, sql'], ['python', 'databases'], ...
Years of Experience	Number of years minimum experience
Company Name	Amazon, Meta, Intel, ...
Company Industry	Healthcare, Internet, Software, ...

Investigate the following:

- Correlation between skills and job title
- Top industries and companies
- Potential recommendations

Goals of this data pipeline phase



Identify the following:

- Key findings to focus
- Visualizations to share
- Communication style

Let's practice!

CASE STUDY: ANALYZING JOB MARKET DATA IN POWER BI