



DSI - Project 4

Job Advertisements

Fiona Dee - June 2021



Looking for more staff

How to be competitive in the hiring market?

Initial focus:

- Salary
- Job Categories

Research: Jobs already on Seek

Jobs searched for:

- Data Scientist
- Data Analyst
- Data Specialists
*Artificial Intelligence,
Business Intelligence,
Data Architect,
Data Engineer,
Machine Learning*

Salary brackets:

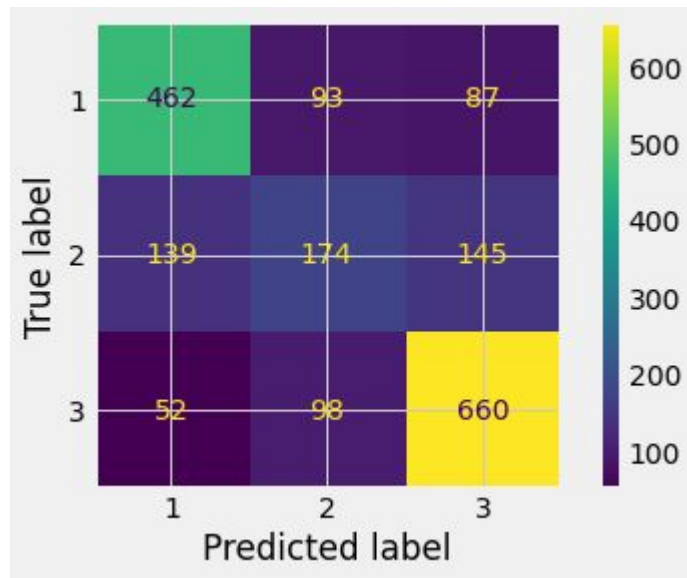
- Upto 80k
- 80k-100k
- 100k-120k
- 120k plus



Job Search

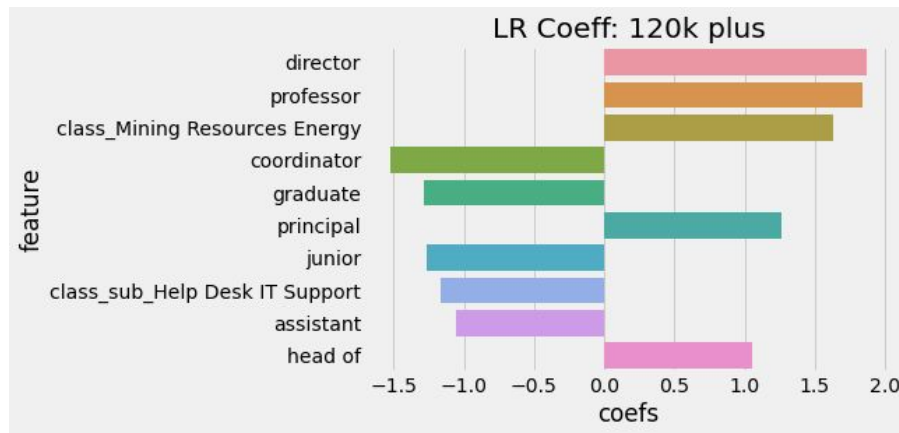
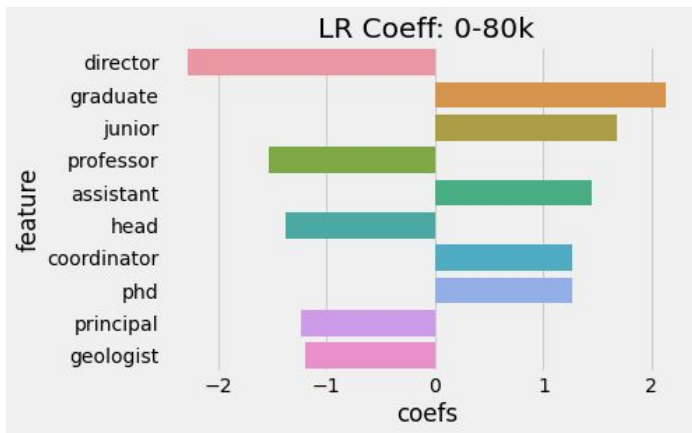
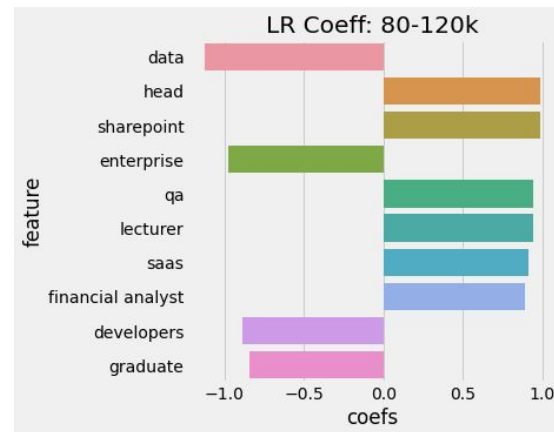
SALARY

- 4 brackets - unbalanced classes & poor predictions with middle classes
- 3 brackets - classes more balanced, but still relatively poor predictions with middle class



SALARY

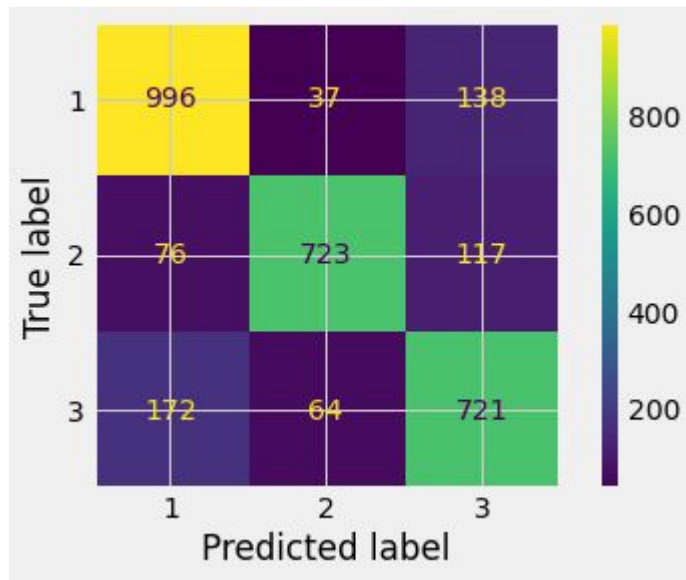
Influential Features



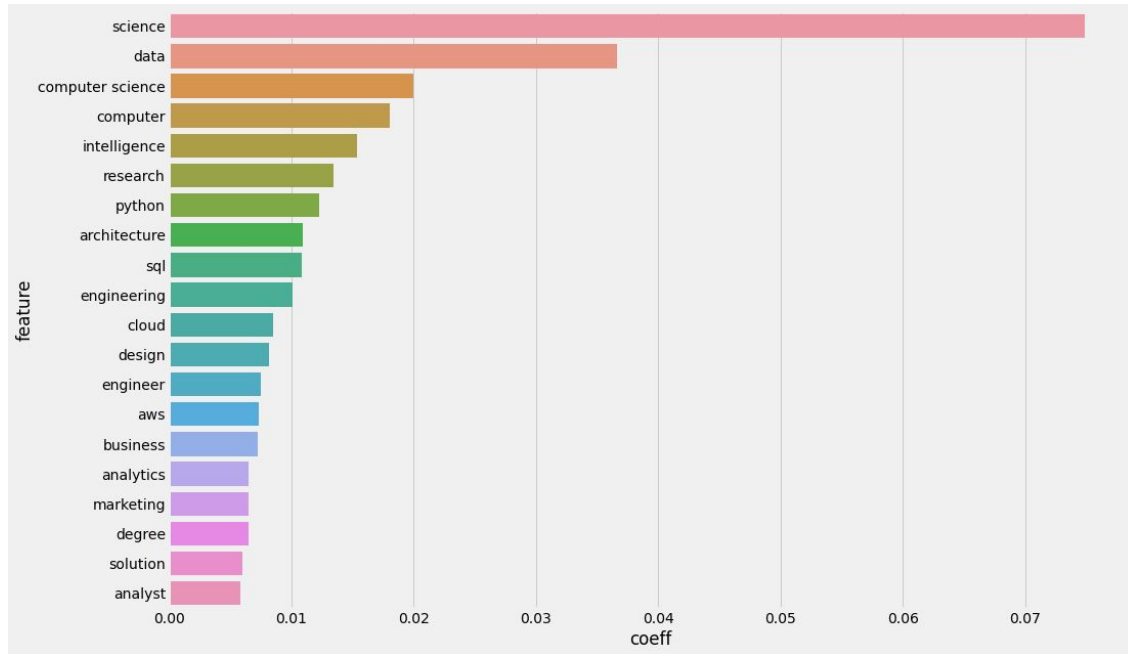
JOB CATEGORIES

Group jobs into 3 categories

- Data Specialist (class 3)
- Data Scientist (class 2)
- Data Analyst (class 1)



JOB CATEGORIES - Influential Features



Additional options for analysis/prediction

Salary

- Location

Job categories

- Classification
- Sub classification