

# Data Science Job Posting on 'GLASSDOOR'

## About Dataset

This is a dataset of data science job posts in Glassdoor.

### Content

The data was scrapped from glassdoor's website. The data one is uncleaned, the uncleaned data is then cleaned using Power Query in Excel. And performed (Data cleaning & Transformation)

Some guiding questions:

1. Can you make the salary column into integers?
2. What information can you extract out of job descriptions?
3. How can you remove the numbers from the company name?
4. How can you create some new features? (e.g. state column from the location column)

After solving above questions, In the cleaned version the columns explanation are as follows,

Job Title: Title of the job posting

Salary Estimate: Salary range for that particular job

Salary Estimate Min: Minimum Salary for that particular job

Salary Estimate Max: Maximum Salary for that particular job

Job Description: This contains the full description of that job

Rating: Rating of that post

Company: Name of company

State: State location of the company

Location: Location of the company

Headquarter: Location of the headquarter

Size: Total employee in that company

Founded: Date when the company was founded.

Type of ownership: Describes the company type i.e non-profit/public/private farm etc

Industry, Sector: Field applicant will work in

Revenue: Total revenue of the company

python, SQL, Stats & Probability, Excel, ML, DL, Tableau, Power BI, Hadoop, spark, Hive, AWS, GCP,

Azure: Some most appeared skills for data science the values are in form of Boolean columns

Simple Job Title : Job type

Avg Salary: Average Salary offered for that particular job

Based on the data, here are some questions that can be applied or answered:

1. What are the most common job titles among the listed positions?
  - This question helps identify the most sought-after roles in the job market.
2. What is the distribution of Average salary estimates across different job titles?
  - Understanding salary ranges for various positions can provide insights into industry standards and potential earning opportunities.
3. What are the primary locations for job opportunities?
  - Analysing job locations can reveal geographic trends in job availability and demand.
4. What are most common skills required for data science field?
  - This aims to uncover the essential skills and competencies sought after by employers in the data science domain, helping job seekers tailor their skill sets accordingly.
5. What is the distribution of Minimum Average salary and Maximum Average salary estimates across different job titles?
  - Understanding min/max salary ranges for various positions can provide insights into industry standards and potential earning opportunities.
6. Which are the most common Cloud platforms?
  - Analysing job descriptions can help identify common cloud platforms, compare them, and find industry trends.
7. Which are the most common Data Visualization tools?
  - Analysing job descriptions can help identify common data visualization tools, compare them, and find industry trends.

These questions can serve as a starting point for exploring the dataset and extracting meaningful insights to inform decision-making processes in the job market.

