

# Visual Analytics Dashboard

## Group 7 – LinkedIn Job Data Analysis using Tableau.

### **Project Overview:-**

The LinkedIn Job Analysis project leverages Tableau to provide a comprehensive and visually intuitive overview of job trends within the fields of data analysis, data science, and data engineering. This non-AI-driven initiative focuses on extracting and analyzing relevant data from LinkedIn job postings to uncover key insights and patterns. The project involves meticulous data collection and processing to identify the most sought-after skills, qualifications, and industry trends for each specified role. The Tableau dashboards are meticulously designed to offer a user-friendly interface, allowing users to explore and compare job market dynamics across different sectors. These dashboards provide valuable information on job distribution, required skills, and geographical hotspots for each role, enabling professionals and decision-makers to make informed choices in their career planning or recruitment strategies. The non-AI approach ensures transparency and reliability in the analysis, fostering trust in the generated insights and supporting strategic decision-making for individuals and organizations within the data-driven job landscape.

### **Data Sources:-**

For Data Analyst:-

[https://www.linkedin.com/jobs/search/?currentJobId=3762679862&keywords=Data%20Analyst&origin=JOBS\\_HOME\\_KEYWORD\\_AUTOCOMPLETE&refresh=true](https://www.linkedin.com/jobs/search/?currentJobId=3762679862&keywords=Data%20Analyst&origin=JOBS_HOME_KEYWORD_AUTOCOMPLETE&refresh=true)

For Data Scientist:-

[https://www.linkedin.com/jobs/search/?currentJobId=3776673215&geoId=103644278&keywords=Data%20Scientist&location=United%20States&origin=JOB\\_SEARCH\\_PAGE\\_KEYWORD\\_AUTOCOMPLETE&refresh=true](https://www.linkedin.com/jobs/search/?currentJobId=3776673215&geoId=103644278&keywords=Data%20Scientist&location=United%20States&origin=JOB_SEARCH_PAGE_KEYWORD_AUTOCOMPLETE&refresh=true)

For Data Engineer:-

[https://www.linkedin.com/jobs/search/?currentJobId=3779804578&geoId=103644278&keywords=Data%20Engineer&location=United%20States&origin=JOB\\_SEARCH\\_PAGE\\_KEYWORD\\_AUTOCOMPLETE&refresh=true](https://www.linkedin.com/jobs/search/?currentJobId=3779804578&geoId=103644278&keywords=Data%20Engineer&location=United%20States&origin=JOB_SEARCH_PAGE_KEYWORD_AUTOCOMPLETE&refresh=true)

### **Insights:-**

Story:- This dashboard contains KPI for each job roles such as number of jobs available, average salary, companies hiring.

Comparison:- This dashboard contains different visualization for the comparison between different job roles. Here you can also select your desired job role.

Data Analyst:- This dashboard contains different visualization for the role of data analyst, it will provide users valuable information on job distribution, required skills, and geographical hotspots.

Data Scientist:- This dashboard contains different visualization for the role of data scientist it will provide users valuable information on job distribution, required skills, and geographical hotspots.

Data Engineer:- This dashboard contains different visualization for the role of data engineer it will provide users valuable information on job distribution, required skills, and geographical hotspots.