

# PROJECT WORK

**PROJECT TITLE: THE FUTURE OF WORK: DATA ANALYSIS  
OF GLASSDOOR JOBS**

**MENTOR NAME: P.SIVA KIRAN KUMAR**

**TEAM SIZE: 5**

**TEAM LEADER: A.BHARGAVI PRIYANKA**

**TEAM MEMBERS: M.DEEPIKA**

**G.HARITHA**

**B.TANUJA**

**G.KOMALIKA**

# **THE FUTURE OF WORK: DATA ANALYSIS OF GLASSDOOR JOBS.**

## **1. Introduction:**

### **1.1. Overview:**

*Job analysis is a systematic procedure to analyse the requirements for the job role and job profile. Glassdoor is a website and online platform that provides information about jobs, salaries, and companies. Job analysis is a systematic approach to defining the job role, description, requirements, responsibilities, evaluation, etc. It helps in finding out required level of education, skills, knowledge, training, etc for the job position. It also depicts the job worth i.e measurable effectiveness of the job and contribution of job to the organization. Thus, it effectively contributes to setting up the compensation package for the job position.*

*Lack of analysis of Glassdoor jobs can result in limited understanding of job market trends, difficulty in finding relevant job opportunities, inability to attract and retain top talent, and lack of insight into company branding and reputation.*

### **1.2. Purpose:**

*The purpose of this project is to conduct an analysis of Glassdoor job postings to gain insights into current and emerging job market trends, identify in-demand skills and experience, and understand how employers can improve their employer branding and reputation to attract and retain top talent.*

*We can achieve the following using data analytics:*

- Personalize the customer experience. Glassdoor jobs collect employer's data from many different channels, including physical retail, and social media.
- Inform Glassdoor job's decision-making.
- Streamline operations.
- Mitigate risk and handle setbacks.
- Enhance security.

## **2. Literature Survey:**

*A literacy survey for Data Analysis of Glassdoor Jobs involves reviewing multiple job roles in a particular domain offered by a particular organisation belonging to a given industry and sector. Job analysis defines the organization of jobs within a job family. It allows units to identify paths of job progression for employees interested in improving their opportunities for career advancement and increasing compensation.*

*Understanding the data of different jobs provided by Glassdoor can help businesses and personnel to analyse current market trends in hiring, packages offered, etc. Businesses need to understand the Glassdoor jobs data in order to get valuable insights. Job analysis is a crucial step in validating all major personnel activities. Employers must be able to show that their screening tools and appraisals are actually related to performance on the job in question. Doing this, of course, requires knowing what the job entails, which in turn requires a competent job analysis. The ultimate goal is to gain insights and improve performance through data visualization techniques.*

*Social Impact: This project can help job seekers make more informed decisions about their careers and negotiate for better compensation and working conditions. This can ultimately contribute to greater economic mobility and reduce income inequality.*

*Business Model/Impact: It can help to improve retention rates, reduce turnover costs, and increase productivity. An analysis of Glassdoor jobs can provide insights into what employee value most, helping employers to create a better work environment that attracts and retains top talent.*

### **2.1. Existing Problem:**

*Lack of analysis of Glassdoor jobs can result in limited understanding of job market trends, difficulty in finding relevant job opportunities, inability to attract and retain top talent, and lack of insight into company branding and reputation. Doing data analysis can solve this problem.*

### **2.2. Proposed Solution:**

*To accomplish this, we have to complete all the activities listed below,*

#### *Data Collection & Extraction from Database*

- *Collect the dataset,*
  - *Storing Data in DB2*
  - *Perform SQL Operations*
  - *Connect DB2 with Cognos*
- 
- *Data Preparation*

*Data modules are containers that describe data and rules for combining and shaping data to prepare it for analysis and visualization in IBM Cognos Analytics. Data module sources. Data modules can be based on data servers, packages, uploaded files, data sets, and other data modules*

- *Prepare the Data for Visualization*
- *Data Visualizations*
  - *No of Unique Visualizations*
- *Dashboard*
  - *Responsive and Design of Dashboard*

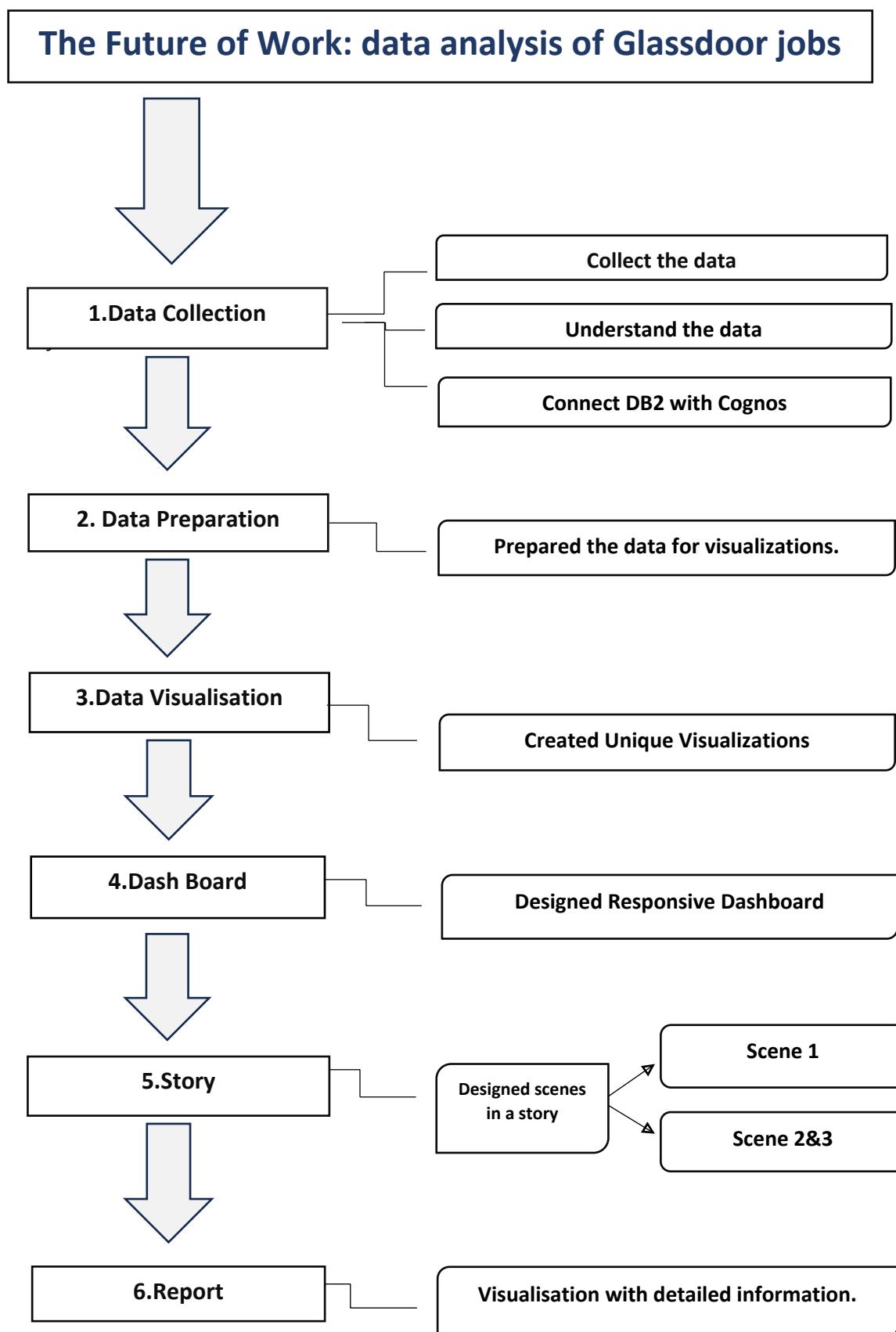
*A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data, and are typically designed for a specific purpose or use case. Dashboards can be used in a variety of settings, such as business, finance, manufacturing, healthcare, and many other industries. They can be used to track key performance indicators (KPIs), monitor performance metrics, and display data in the form of charts, graphs, and tables.*
- *Story*
  - *No of Scenes of Story*

*A data story is a way of presenting data and analysis in a narrative format, with the goal of making the information more engaging and easier to understand. A data story typically includes a clear introduction that sets the stage and explains the context for the data, a body that presents the data and analysis in a logical and systematic way, and a conclusion that summarizes the key findings and highlights their implications. Data stories can be told using a variety of mediums, such as reports, presentations, interactive visualizations, and videos.*
- *Report*
  - *No of Visualization with detail information*
- *Performance Testing*
  - *Amount of Data Rendered to DB2*
  - *Utilization of Data Filters*
  - *No of Calculation Fields*
  - *No of Visualizations/ Graphs*

- *Web Integration*
  - *Dashboard, Report and Story embed with UI With Flask*

### 3. Theoretical Analysis:

#### 3.1. Block Diagram:





## 7. Web Integration

Dashboard story, report and story embedded with UI Flask

### 3.3. Hardware/Software Testing:

Understanding the data of different jobs provided by Glassdoor can help businesses and personal to analyse current market trends in hiring, packages offered, etc. Businesses need to understand the Glassdoor jobs data in order to get valuable insights.

Job analysis is a crucial step in validating all major personnel activities. Employers must be able to show that their screening tools and appraisals are actually related to performance on the job in question. Employers must have hardware like laptop or a desktop with latest versions of windows, mac or Linux. Also they need to login into IBM Cognos Analysis, download a dataset regarding to Glassdoor jobs, upload and creating visualizations should be done. After that we need to do web integration using Anaconda Navigator, Jupyter & Spyder.

Doing this, of course, requires knowing what the job entails, which in turn requires a competent job analysis. The ultimate goal is to gain insights and improve performance through data visualization techniques.

### 4. Result:

Data visualization is the process of creating graphical representations of data in order to help people understand and explore the information. The goal of data visualization is to make complex data sets more accessible, intuitive, and easier to interpret. By using visual elements such as charts, graphs, and maps, data visualizations can help people quickly identify patterns, trends, and outliers in the data.

The number of unique visualizations that can be created with a given dataset. Some common types of visualizations that can be used to analyse the Literacy include bar charts, line charts, heat maps, scatter plots, pie charts, Maps etc. These visualizations can be used to compare performance, track changes over time, show distribution, and relationships between variables, breakdown of revenue and customer demographics, workload, resource allocation and location of different job roles.

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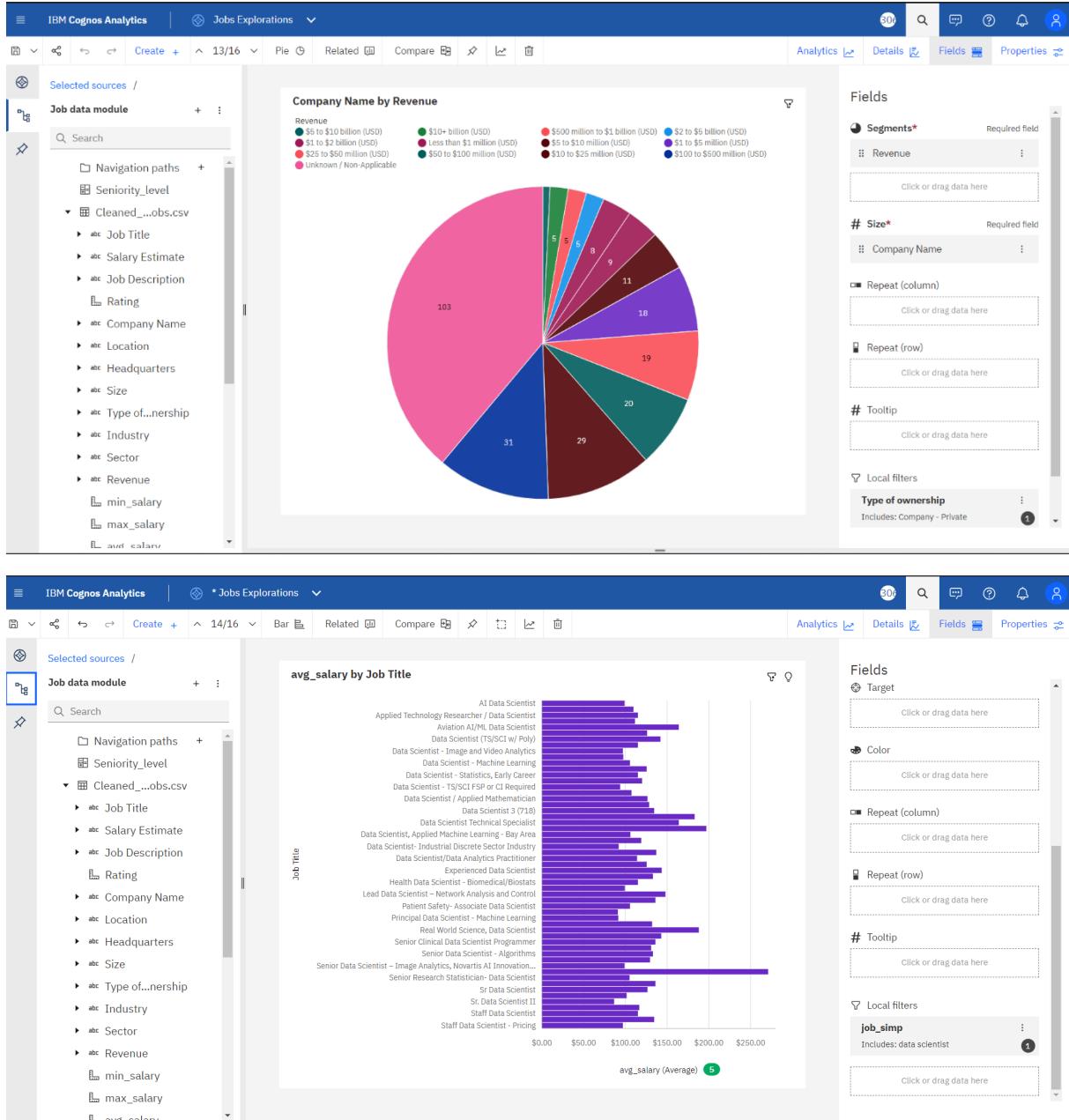
*A report in data analytics typically involves analysing and interpreting data to draw insights and conclusions that can inform business decisions or address research questions. The report usually includes a summary of the data analysis process, including the methods and tools used, as well as the findings and recommendations based on the analysis. The report should begin with an executive summary, which provides a brief overview of the main findings and recommendations. The introduction should provide background information on the problem or research question being addressed and the data sources used.*

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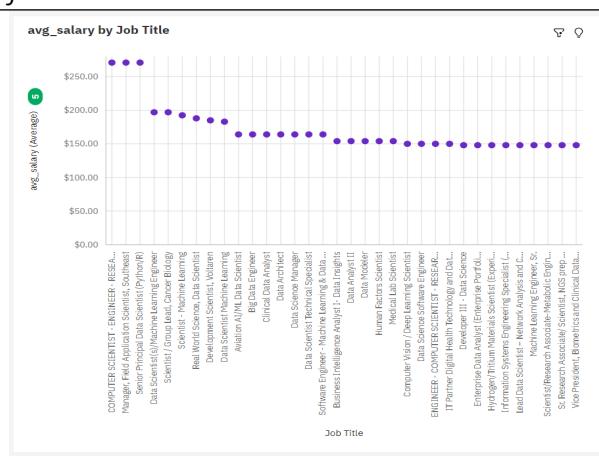
## Utilization Of Data Filters:



**No. Of Calculation fields:** Seniority\_Level is the calculated column and the calculation is in below given screenshot.

## No Of Visualizations/ Graphs:

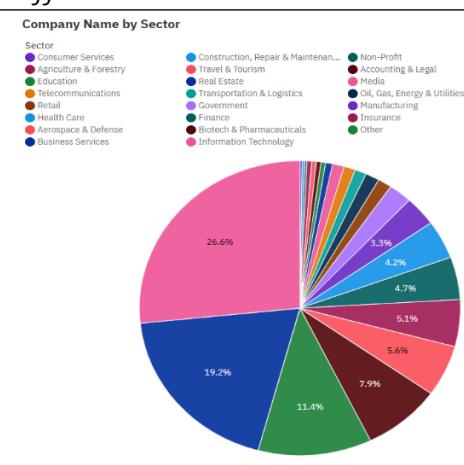
1. What is salary trend for a particular job title?



The average values of **avg\_salary** range from 148, occurring when **Job Title** is Developer III - Data Science, to 271, when **Job Title** is COMPUTER SCIENTIST - ENGINEER - RESEARCH COMPUTER SCIENTIST - SIGNAL PROCESSING.

Over all **job titles**, the average of **avg\_salary** is 169.1.

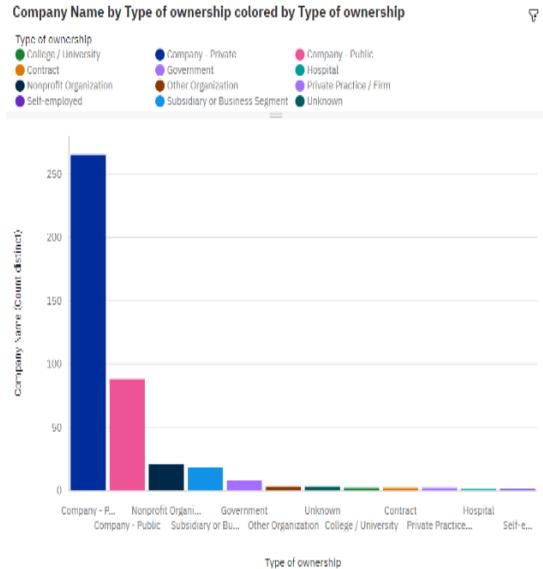
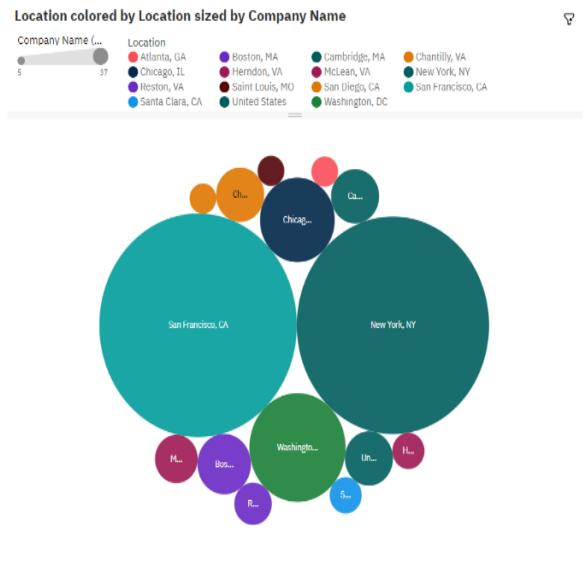
2. No of companies belonging to different Sector



The total number of results for **Company Name**, across all **sectors**, is 660. Information Technology is the most frequently occurring category of **Sector** with a count of 178 items with **Company Name** values (27 % of the total).

3. How many companies belongs to the particular location?

4. what's the distribution of companies according to the type of owner?



The overall number of results for **Company Name** is 303. San Francisco, CA (22.8 %) and New York, NY (16.5 %) are the most frequently occurring categories of **Location** with a combined count of 119 items with **Company Name** values (39.3 % of the total).

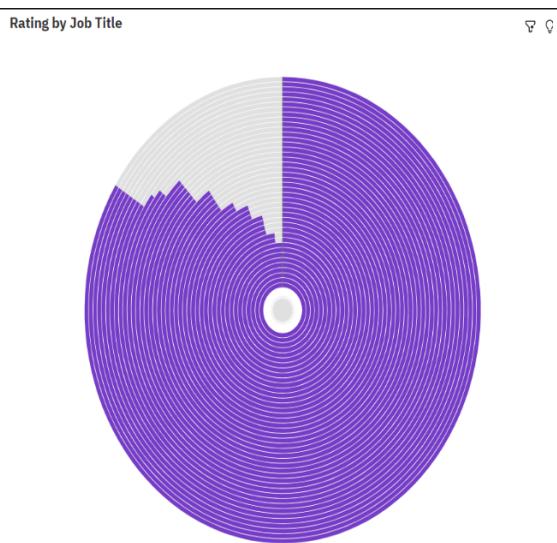
The overall number of results for **Company Name** is 633. **Company - Private** is the most frequently occurring category of **Type of ownership** with a count of 386 items with **Company Name** values (61 % of the total).

## 5. Most popular sector on Glassdoor for data science domain



The overall number of results for **Company Name** is 660. **Information Technology** is the most frequently occurring category of **Sector** with a count of 178 items.

## 6. Top 10 rated jobs



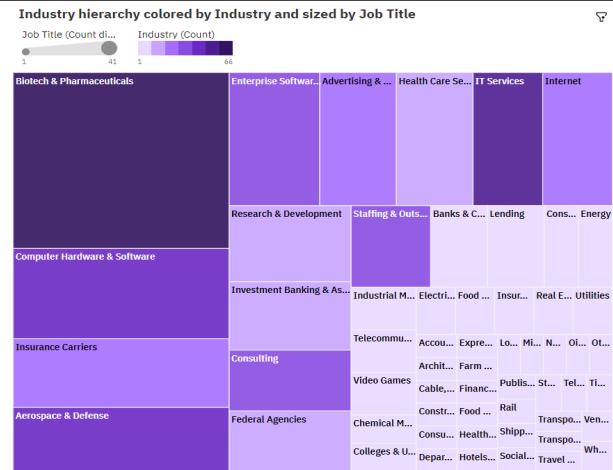
Over all **job titles**, the average of **Rating** is 4.6. The average values of **Rating** range from 4.2, occurring when **Job Title** is Computational Behavioral.

with **Company Name** values (27 % of the total).

*Scientist, to 5, when Job  
Title is Applied AI Scientist /  
Engineer.*

*Senior Data Engineer* is the most frequently occurring category of **Job Title** with a count of 5 items with **Rating** values (6.8 % of the total).

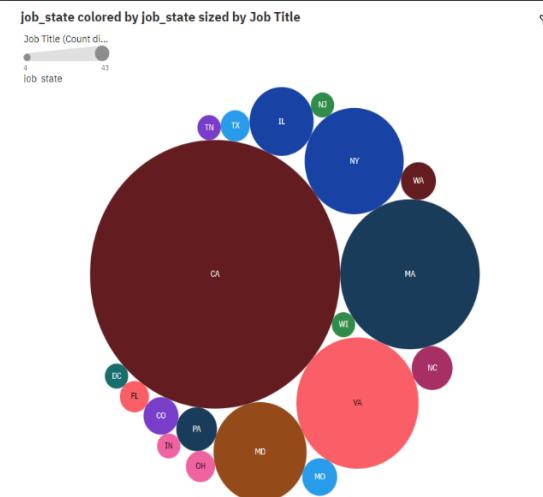
7. Which Industry is offering more job roles



The total number of results for **Job Title**, across all **industries**, is 589.

*Biotech & Pharmaceuticals (11.2 %), IT Services (10.2 %), and Computer Hardware & Software (9.3 %) are the most frequently occurring categories of **Industry** with a combined count of 181 items with **Job Title** values (30.7 % of the total).*

*8. Which state is providing more opportunities*



The overall number of results for **Job Title** is 591.

*CA* is the most frequently occurring category of **job\_state** with a count of 165 items with **Job Title** values (27.9 % of the total).

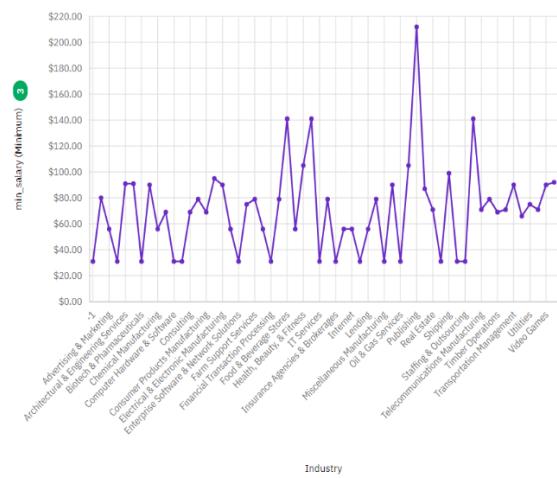
9. Show job titles from different category

10. Compare salary trend of different industry

### job\_simp and Job Title

job_simp	Job Title
data engineer	Data Science All Star Program - Data Engineer Track
	Senior Data Engineer
	Software Data Engineer
	Sr Data Engineer (Sr BI Developer)
	Staff BI and Data Engineer
	Tableau Data Engineer 20-0117
data scientist	AI Data Scientist
	AI Ops Data Scientist
	Applied Technology Researcher / Data Scientist
	Associate Data Scientist
	Aviation AI/ML Data Scientist
	Data Scientist
	Data Scientist (TS/SCI w/ Poly)
	Data Scientist (TS/SCI)
	Data Scientist - Image and Video Analytics
	Data Scientist - Intermediate
	Data Scientist - Machine Learning

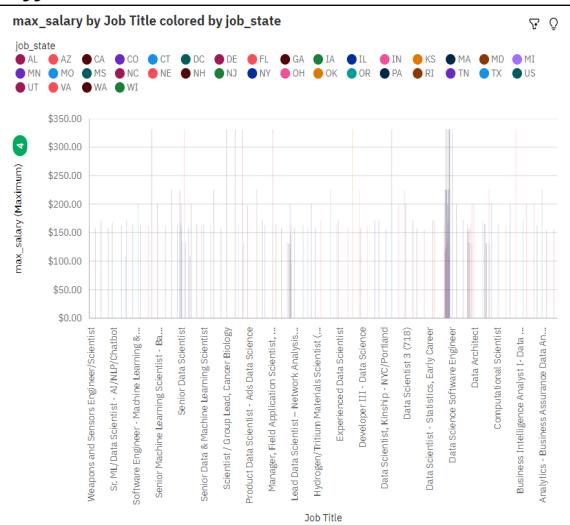
### min\_salary by Industry

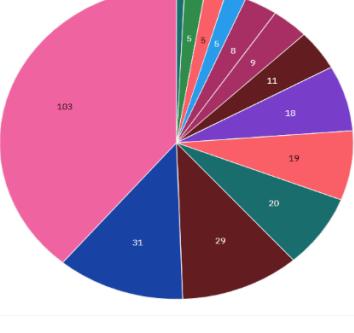
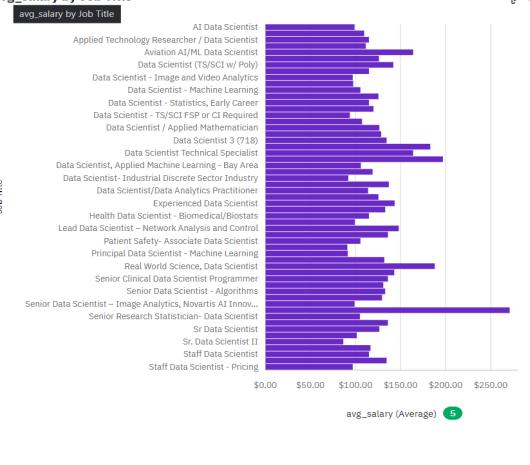


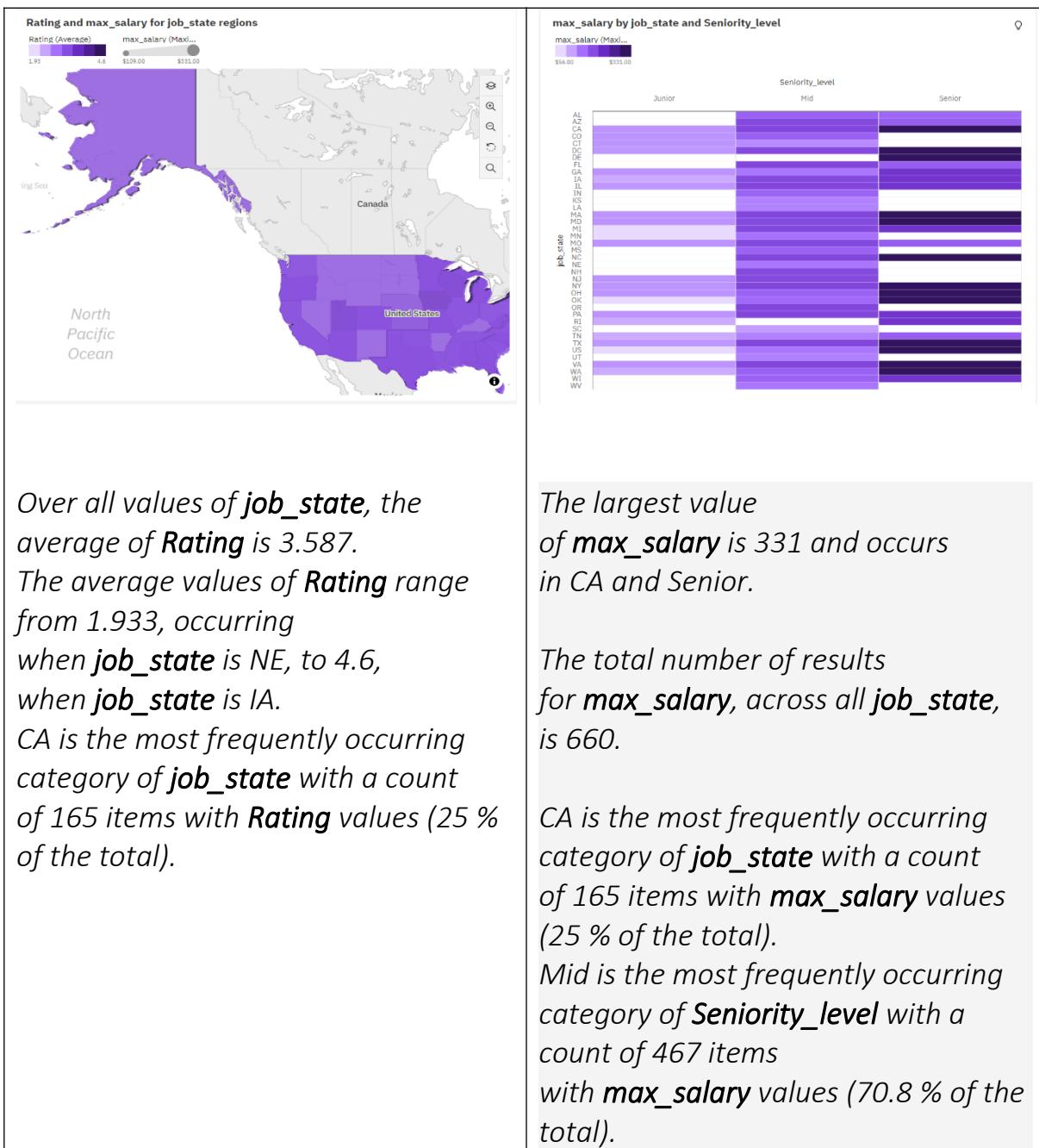
The total number of results for **min\_salary**, across all **industries**, is 660.

The smallest value of **min\_salary** is 31, occurring when **Industry** is -1. -1 (10.8 %), Biotech & Pharmaceuticals (10 %), IT Services (9.1 %), and Computer Hardware & Software (8.3 %) are the most frequently occurring categories of **Industry** with a combined count of 252 items with **min\_salary** values (38.2 % of the total).

### 11. Top 10 highest paying jobs from different states



<p><i>CA</i> is the most frequently occurring category of <b>job_state</b> with a count of 139 items with <b>max_salary</b> values (25.9 % of the total).</p> <p><i>Data Scientist</i> is the most frequently occurring category of <b>Job Title</b> with a count of 333 items with <b>max_salary</b> values (62.1 % of the total).</p>	<p><i>Data Scientist</i> is the most frequently occurring category of <b>Job Title</b> with a count of 157 items with <b>avg_salary</b> values (78.5 % of the total).</p>																																																																																
<p><b>13. What is the revenue generated by companies that falls under particular category of ownership</b></p>  <table border="1"> <thead> <tr> <th>Revenue Category</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>\$10+ billion (USD)</td><td>5</td></tr> <tr><td>\$50 to \$10 billion (USD)</td><td>5</td></tr> <tr><td>\$1 to \$2 billion (USD)</td><td>8</td></tr> <tr><td>Less than \$1 million (USD)</td><td>11</td></tr> <tr><td>\$1 to \$5 million (USD)</td><td>18</td></tr> <tr><td>\$25 to \$50 million (USD)</td><td>19</td></tr> <tr><td>\$5 to \$10 million (USD)</td><td>20</td></tr> <tr><td>\$100 to \$500 million (USD)</td><td>29</td></tr> <tr><td>\$1 to \$5 million (USD)</td><td>31</td></tr> <tr><td>Unknown / Non-Applicable</td><td>103</td></tr> </tbody> </table>	Revenue Category	Count	\$10+ billion (USD)	5	\$50 to \$10 billion (USD)	5	\$1 to \$2 billion (USD)	8	Less than \$1 million (USD)	11	\$1 to \$5 million (USD)	18	\$25 to \$50 million (USD)	19	\$5 to \$10 million (USD)	20	\$100 to \$500 million (USD)	29	\$1 to \$5 million (USD)	31	Unknown / Non-Applicable	103	<p><b>14. Salary trend for different job titles belonging to particular job category</b></p>  <table border="1"> <thead> <tr> <th>Job Title</th> <th>avg_salary (Average)</th> </tr> </thead> <tbody> <tr><td>AI Data Scientist</td><td>125.3</td></tr> <tr><td>Applied Technology Researcher / Data Scientist</td><td>125.3</td></tr> <tr><td>Aviation AI/ML Data Scientist</td><td>125.3</td></tr> <tr><td>Data Scientist (TS/SCI w/ Poly)</td><td>125.3</td></tr> <tr><td>Data Scientist - Image and Video Analytics</td><td>125.3</td></tr> <tr><td>Data Scientist - Machine Learning</td><td>125.3</td></tr> <tr><td>Data Scientist - Statistics, Early Career</td><td>125.3</td></tr> <tr><td>Data Scientist - TS/SCI FSP or CI Required</td><td>125.3</td></tr> <tr><td>Data Scientist / Applied Mathematician</td><td>125.3</td></tr> <tr><td>Data Scientist / Data Engineer, Python/R</td><td>125.3</td></tr> <tr><td>Data Scientist / Technical Specialist</td><td>125.3</td></tr> <tr><td>Data Scientist, Applied Machine Learning - Bay Area</td><td>125.3</td></tr> <tr><td>Data Scientist: Industrial Discrete Sector Industry</td><td>125.3</td></tr> <tr><td>Data Scientist/Data Analytics Practitioner</td><td>125.3</td></tr> <tr><td>Experienced Data Scientist</td><td>125.3</td></tr> <tr><td>Health Data Scientist - Biomedical/BioStats</td><td>125.3</td></tr> <tr><td>Lead Data Scientist - Network Analysis and Control</td><td>125.3</td></tr> <tr><td>Patient Safety Associate Data Scientist</td><td>125.3</td></tr> <tr><td>Principal Data Scientist - Machine Learning</td><td>125.3</td></tr> <tr><td>Real Estate Data Scientist, Data Analyst</td><td>125.3</td></tr> <tr><td>Senior Cloud Data Scientist, Programmer</td><td>125.3</td></tr> <tr><td>Senior Data Scientist - Algorithms</td><td>125.3</td></tr> <tr><td>Senior Data Scientist - Image Analytics, Novartis AI Innov...</td><td>125.3</td></tr> <tr><td>Senior Research Statistician- Data Scientist</td><td>125.3</td></tr> <tr><td>Sr. Data Scientist</td><td>125.3</td></tr> <tr><td>Sr. Data Scientist II</td><td>125.3</td></tr> <tr><td>Staff Data Scientist</td><td>125.3</td></tr> <tr><td>Staff Data Scientist - Pricing</td><td>125.3</td></tr> </tbody> </table>	Job Title	avg_salary (Average)	AI Data Scientist	125.3	Applied Technology Researcher / Data Scientist	125.3	Aviation AI/ML Data Scientist	125.3	Data Scientist (TS/SCI w/ Poly)	125.3	Data Scientist - Image and Video Analytics	125.3	Data Scientist - Machine Learning	125.3	Data Scientist - Statistics, Early Career	125.3	Data Scientist - TS/SCI FSP or CI Required	125.3	Data Scientist / Applied Mathematician	125.3	Data Scientist / Data Engineer, Python/R	125.3	Data Scientist / Technical Specialist	125.3	Data Scientist, Applied Machine Learning - Bay Area	125.3	Data Scientist: Industrial Discrete Sector Industry	125.3	Data Scientist/Data Analytics Practitioner	125.3	Experienced Data Scientist	125.3	Health Data Scientist - Biomedical/BioStats	125.3	Lead Data Scientist - Network Analysis and Control	125.3	Patient Safety Associate Data Scientist	125.3	Principal Data Scientist - Machine Learning	125.3	Real Estate Data Scientist, Data Analyst	125.3	Senior Cloud Data Scientist, Programmer	125.3	Senior Data Scientist - Algorithms	125.3	Senior Data Scientist - Image Analytics, Novartis AI Innov...	125.3	Senior Research Statistician- Data Scientist	125.3	Sr. Data Scientist	125.3	Sr. Data Scientist II	125.3	Staff Data Scientist	125.3	Staff Data Scientist - Pricing	125.3
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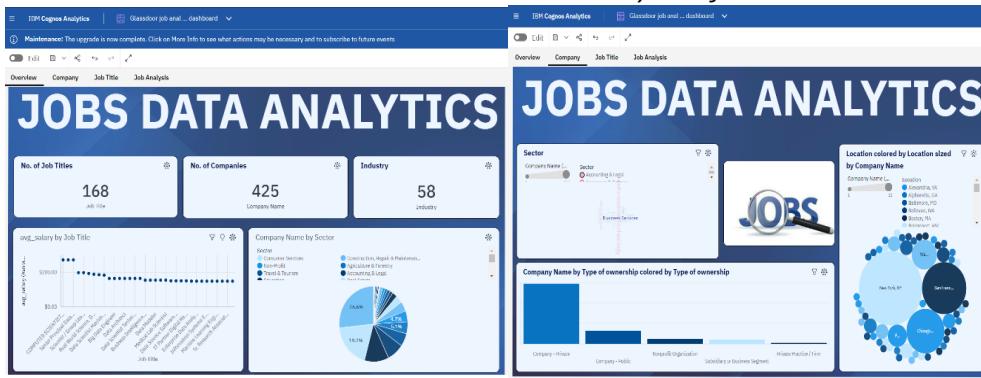


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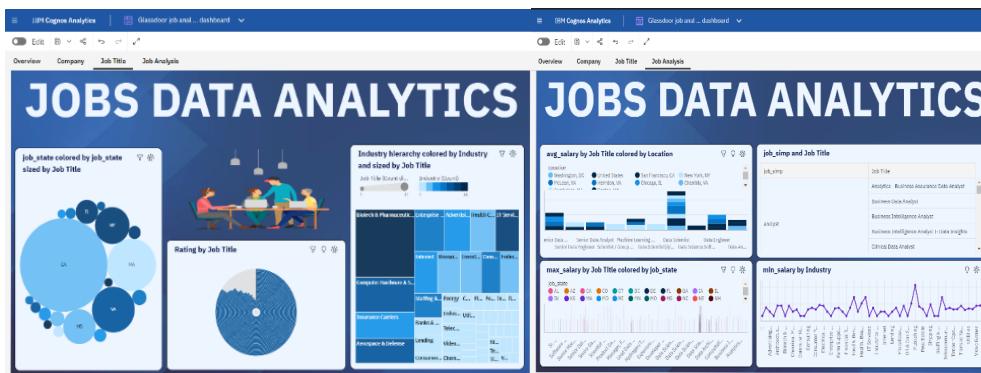
### Jobs Data Analytics Dashboard:

This Dashboard is created by using the visualizations from the job explorations in order to show the data in clear and analysed form.



### Insights:

**ENGINEER - COMPUTER SCIENTIST - RESEARCH COMPUTER SCIENTIST - SIGNAL PROCESSING - SAN ANTONIO OR (8.7 %) and Data Science Software**  
**Engineer (8.7 %)** are the most frequently occurring categories of **Job Title** with a combined count of **8** items with **avg\_salary** values (**17.4 %** of the total).



### Insights:

**Job Title Applied AI Scientist / Engineer has the highest Average Rating but is ranked #22 in Average avg\_salary.**

### Story:

A data story is a way of presenting data and analysis in a narrative format, with the goal of making the information more engaging and easier to understand. A data story typically includes a clear introduction that sets the stage and explains the context for the data, a body that presents the data and analysis in a logical and systematic way, and a conclusion that summarizes the key findings and highlights their implications. Data stories can be told using a variety of mediums, such as reports, presentations, interactive visualizations, and videos.

### Scene-1:

IBM Cognos Analytics | Glassdoor jobs story

Maintenance: The upgrade is now complete. Click on More Info to see what actions may be necessary and to subscribe to future events

GLASSDOOR JOB STORY

What are the different job roles?

Which companies are offering these roles?

What sector and industry the company belongs?

What is the salary trend?

Prev scene | Next scene | Scene 1 of 3 | 0:12.0

This story is created without any visualizations to analyse the data in Glassdoor jobs.

### Scene-2: Salary trends per market standards.

IBM Cognos Analytics | Glassdoor Jobs Story

min\_salary by Industry

avg\_salary by Job Title

Salary trends as per market standards

Prev scene | Next scene | Scene 2 of 3 | 0:15.0

### SCENE-3: SALARY BY SENIORITY LEVEL.

**max\_salary by job\_state and Seniority\_level**

Darker the colour shows higher the salary as per different levels of seniority

**Rating and max\_salary for job\_state regions**

Salary offered at different locations and rating of particular job

### REPORT:

When creating a report in Cognos, it is often helpful to include visualizations to help communicate the findings of the analysis.

Job Title	python	big_data	tableau	aws	spark	hadoop	excel
Data Modeler	1	0	1	0	0	0	1
Data Scientist/Machine Learning	2	2	0	0	2	2	0
Data Analyst	9	1	7	0	1	1	10
Data Analyst I	0	0	0	0	0	0	0
Computational Scientist, Machine Learning	1	0	0	1	0	0	1
Product Data Scientist - Ads Data Science	2	0	0	0	0	0	0
Data Scientist - Intermediate	2	0	0	0	0	0	2
Global Data Analyst	0	0	1	0	0	0	1
Data & Machine Learning Scientist	2	0	0	2	0	0	0
Data Engineer (Remote)	1	0	0	1	1	1	1
Data Scientist, Applied Machine Learning - Bay Area	2	0	0	2	0	0	0
Purification Scientist	0	0	0	0	0	0	0
Data Scientist 3 (718)	2	0	0	2	0	0	0
Real World Science, Data Scientist	2	0	0	0	0	0	2
Data Scientist - Image and Video Analytics	2	0	0	2	2	0	0
Staff Data Scientist	0	0	0	0	0	0	0
RFP Data Analyst	0	0	0	0	1	0	1
Data Scientist (TS/SCI)	1	1	0	0	0	0	0
Data Integration and Modeling Engineer	0	0	0	0	0	1	0
Analytics Manager	0	0	1	0	0	0	1

### Web Integration:

Publishing helps us to track and monitor key performance metrics, to communicate results and progress. help a publisher stay informed, make better decisions, and communicate their performance to others.

## Publishing dashboard, report & story.

Go to Dashboard, report & /story, click on share button on the top.

### Dashboard

The screenshot shows a Cognos Analytics dashboard titled "JOBS D". It features a large blue header with the title. Below it is a summary card showing "No. of job Titles" as 168. To the right is a chart titled "avg\_salary by Job Title" showing salary distribution. A "Share" dialog box is open, showing the "Link" tab with a URL and an "Embed code" section with width and height inputs set to 320 and 200 respectively. The main dashboard area shows a large blue banner with the word "ANALYSIS" and a chart showing "Industry" with a value of 58.

### Story

The screenshot shows a Cognos Analytics story. It includes a question "What are the different job categories?" with a bar chart, and another question "What sector and industry the company belongs to?" with a pie chart. A "Share" dialog box is open, showing the "Link" tab with a URL and an "Embed code" section with width and height inputs set to 320 and 200 respectively. The main story area shows a large blue banner with the word "Story" and a chart showing "companies are offering these roles".

### Report

The screenshot shows a Cognos Analytics report. It features a chart titled "Which state is offering highest salary in particular job" showing salary by state and job category. A "Share" dialog box is open, showing the "Link" tab with a URL and an "Embed code" section with width and height inputs set to 320 and 200 respectively. The main report area shows a chart titled "Salary range for different job categories" with various colored bars representing different roles like manager, director, data engineer, etc.

Dashboard, Report, Story Embed With UI Using Flask:

**JOBVIZ**

Welcome to JobViz

We are your partners in job data Analysis

Get Started Watch Video

**JOBVIZ**

## ABOUT US

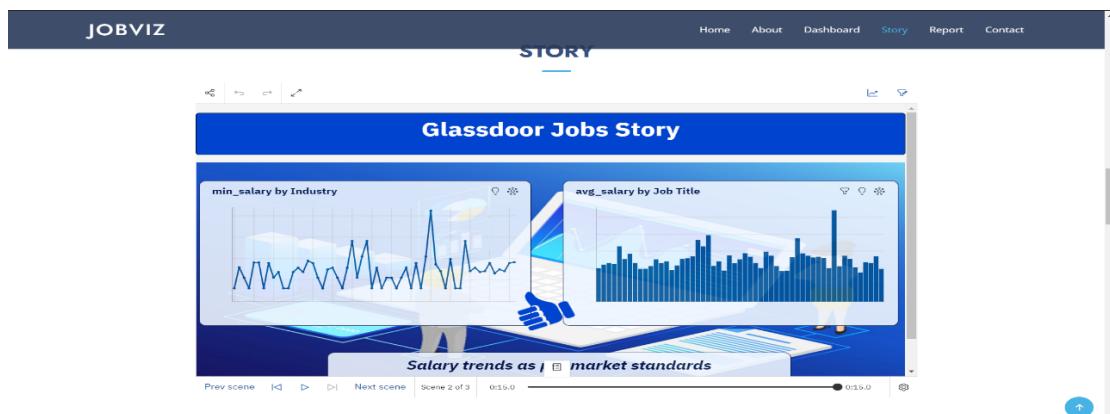
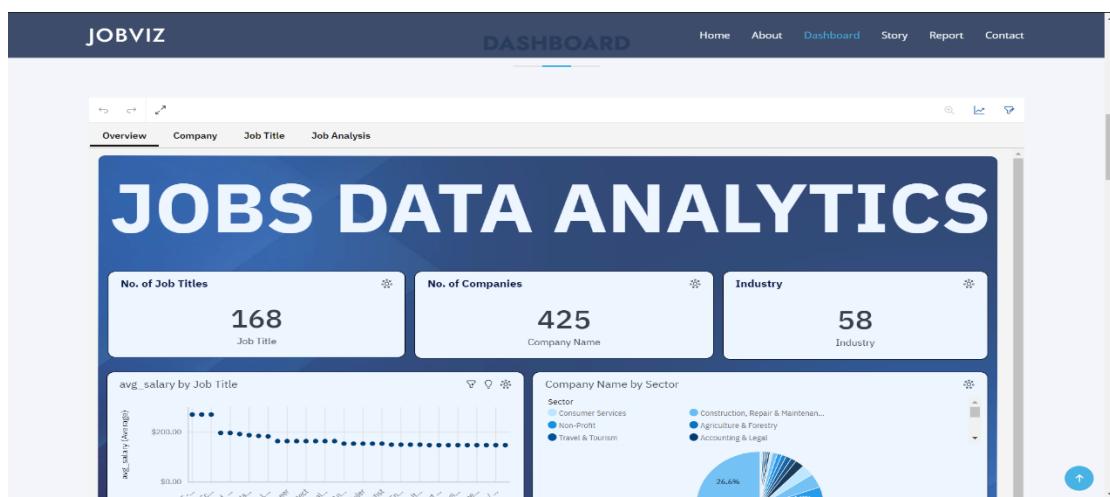
This application is a great analysis tool to analyse glassdoor jobs data. You will get insightful Dashboard that helps you get insights. You can also have descriptive reports and amazing animated story.

- Univariate Analysis
- Bivariate Analysis
- Multivariate Analysis

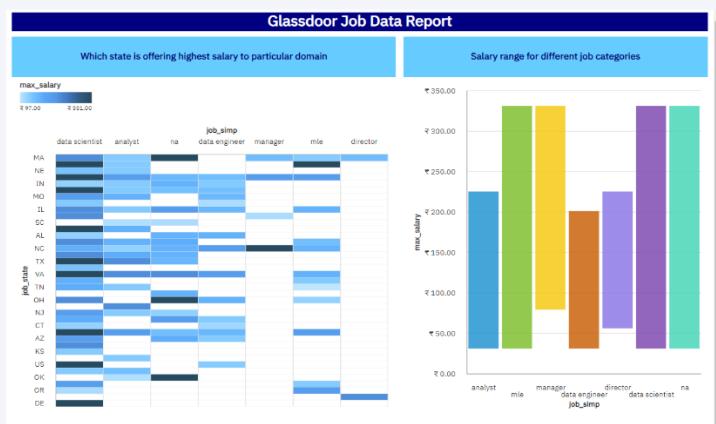
You will get better insights about different job states and the opportunities that can help you in your career.

This is a great analysis tool to analyse jobs data, you get insightful Dashboard, Report, Story.

**DASHBOARD**



## REPORT



**Location:**  
Data Analytics Ap, India

**Email:**  
glassdoorjobs@email.com

**Call:**  
+91 5589 55488 55

Your Name   
 Your Email   
 Subject   
 Message

5.Advantages and Disadvantages:**Advantages:**

- It detects and correct the errors from data sets with the help of data cleansing.
- It removes duplicate information from data sets and hence saves large amount of memory space. This decrease cost to the company.
- It helps in displaying relevant advertisements on the online shopping websites based on historic data and purchase behaviour of the users. Machine learning algorithms are applied for the same. This helps in increasing revenue and productivity of the companies.
- It reduces banking risks by identifying probable fraudulent customers based on historic data analysis. This helps institutes in deciding whether to issue loan or credit cards to the applicants or not.
- It is used by security agencies for surveillance and monitoring purpose based on information collected by huge number of sensors. This helps in preventing any wrongdoings and/or calamities.

### ***Disadvantages:***

- This may breach privacy of the customers as their information such as purchases, online transactions, subscriptions are visible to their parent companies. The companies may exchange these useful customer databases for their mutual benefits.
- The cost of data analytics tools vary based on applications and features supported. More over some of the data analytics tools are complex to use and require training. This increases cost to the company willing to adopt data analytics tools or software.
- The information obtained using data analytics can also be misused against group of people of certain country or community or caste.
- It is very difficult to select the right data analytics tools. This is due to the fact that it requires knowledge of the tools and their accuracy in analysing the relevant data as per applications. This increases time and cost to the company.

### ***6. Applications:***

- By using Data analysis, the number of jobs that are giving opportunities to employees can be classified and can be displayed.
- Can determine which country giving more jobs and more salaries to the employees.
- Employees can study which job is the perfect match for their skill set and can land in their dream job.
- Can determine which country is best in hiring new employees every year.
- Can determine which company started in which year.
- Can determine the number of companies increasing or decreasing over the years.

### ***7. Conclusion:***

The main objective of this study was to analyse and visualise the various factors which have contributed to the Evolution of the Glassdoor jobs over the years. This type of analysis is very helpful as this type of analysis can be performed by any employer which can help them in analysing their performance so that they can find their jobs by challenging their strategies.

We have used a technique named Exploratory Data Analysis which enables you to encapsulate the primary factors of a dataset into a visual format. We selected Python language to implement our work because it is one of the best languages suitable for Data Analysis and is the platform where we have performed this Analysis. As a result of the Analysis, we can conclude that it is true that Glassdoor jobs have creating considerable platform to the employees to land into their dream job.

### ***8. Future Scope:***

*We all know that any Analysis is not perfect and it consists of some limitations which define the Future scope of the Research Work. This project work also contains some limitations which we are considering as the Future Scope of the Project. These are ASCI-2020 IOP Conf. Series: Materials Science and Engineering We have visualised our data only in Graphical format. We can also describe the data in other formats like Geographical format where we can depict the countries on the World map.*

*Till now we have only performed Data Analysis using Exploratory Data Analysis. We can also apply various Machine Learning Algorithms to the data set after Analysis and can create a Predictive Model which can predict the statistics of the Future jobs in Glassdoor jobs.*