TITLE

Internship Report on Learn To Build a Real Time Job Analytics Poral
August 02-08-2024 to 02-09-202
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Acknowledgements:

I would like to express my gratitude to the team at NullClass for their guidance and support throughout my internship.
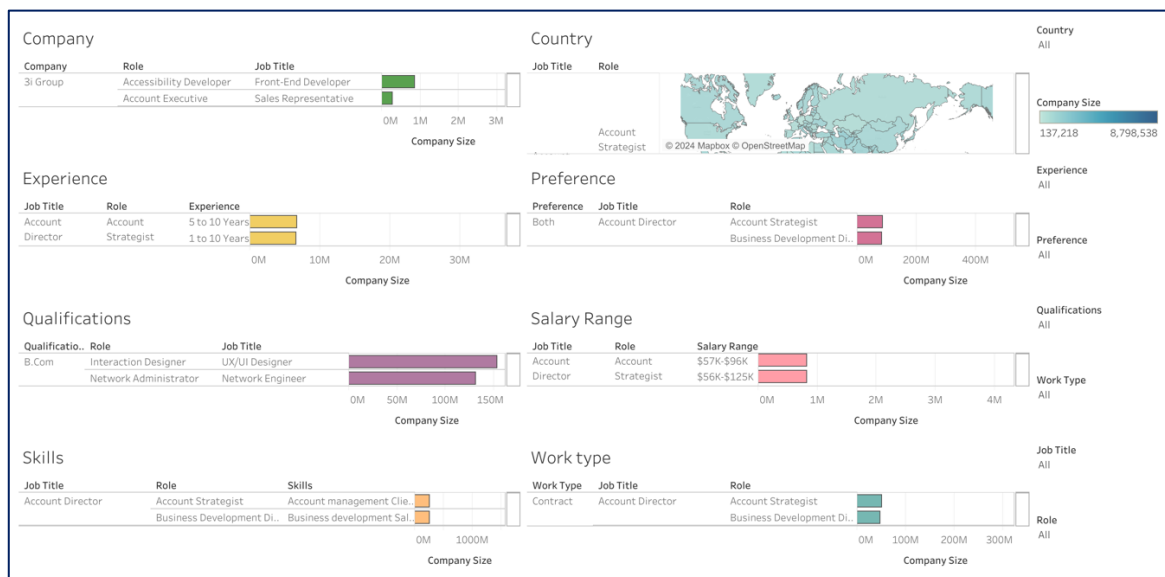
Introduction:

The field of data analytics plays a crucial role in deriving insights and making informed decisions based on data. During my internship in Data Analytics, I had the opportunity to apply theoretical knowledge gained through coursework to real-world scenarios. This internship provided me with hands-on experience in handling large datasets and extracting meaningful information from them. This report outlines my experiences and key learnings from the internship period.

Learning Objectives:

The internship provided valuable insights into the importance of adaptability, attention to detail, and problem-solving in virtual work environments, preparing me for future career opportunities in data analytics.
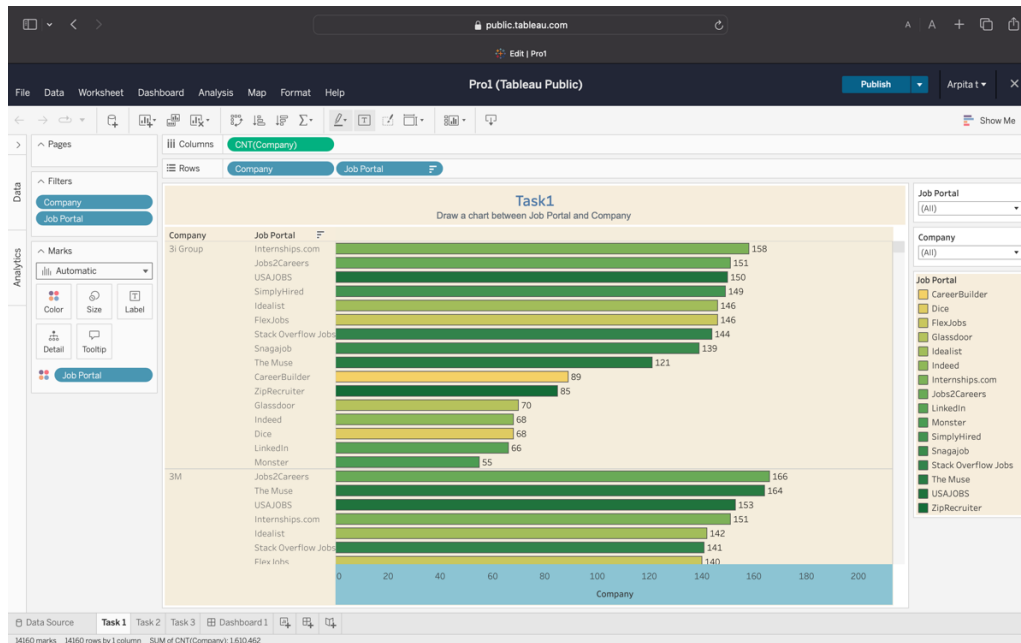
Activities and Tasks:

Before beginning with tasks, I complete training, in which I learn about python libraires and their uses for data cleaning. After that learn about using tableau for visualization of data and how to extract link to deploy website in Netlify. During training made this dashboard on job portal.
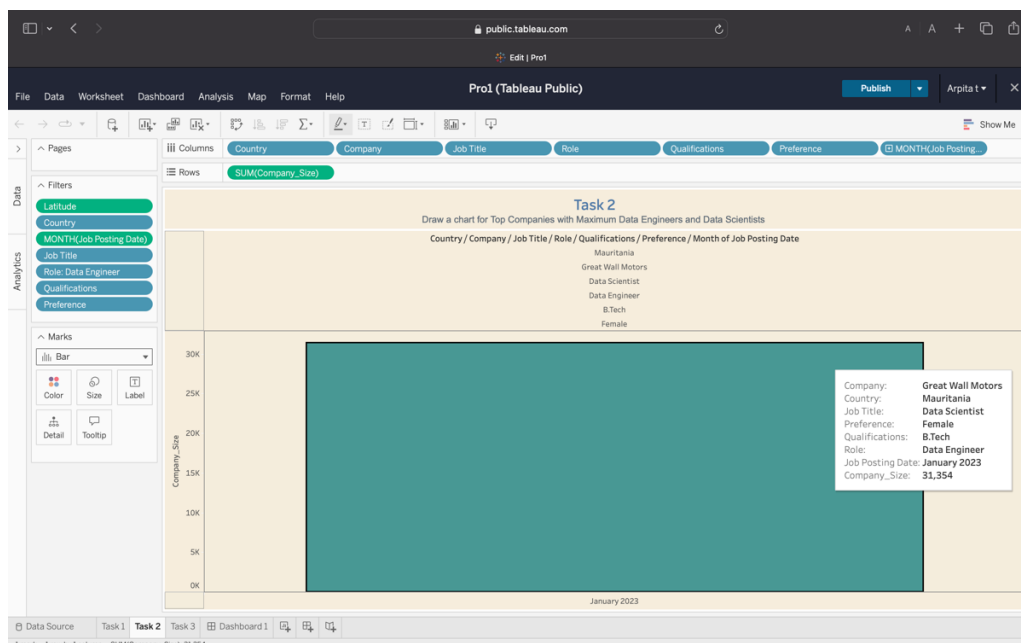
For analysis of the tasks of the real time job portal, I use python and tableau. Python for cleaning and manipulation of dataset and tableau for visualization and get insight of work. The task I undertook included:

Task 1: In task 1 only simple bar chart was created between Job Portal and Company.
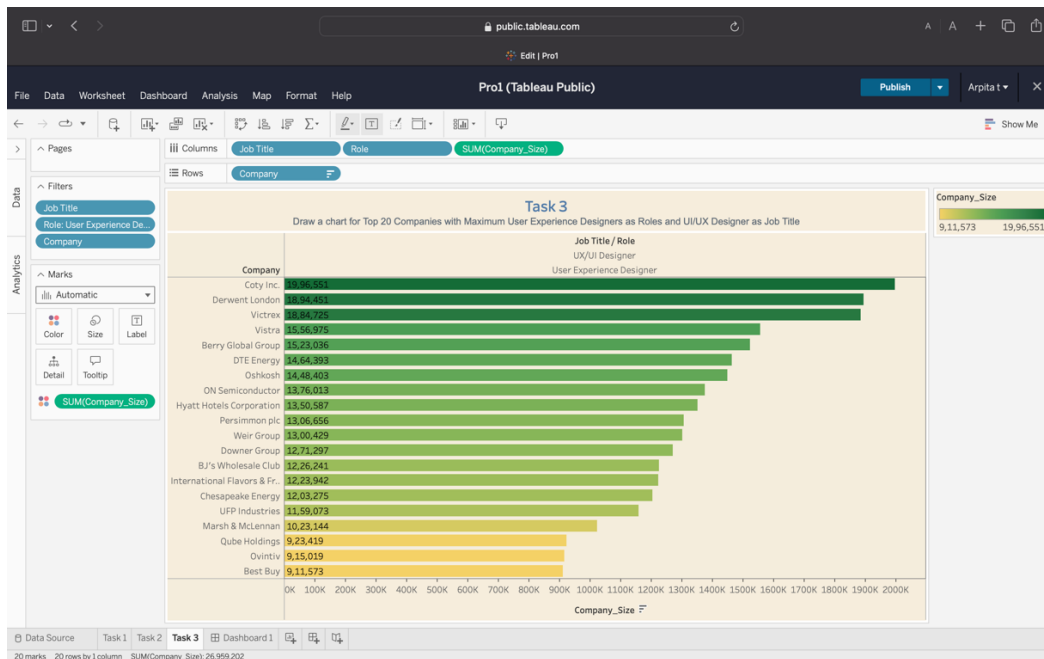

Task 2: In this task I created a chart highlighting the top 10 companies with Data Engineer with the job title as Data scientist excluding all Asian countries and countries which start with letter 'C'. Also apply preference filter as female with qualification B.Tech and job of posting from between 1/01/2023 to 6/01/2023.
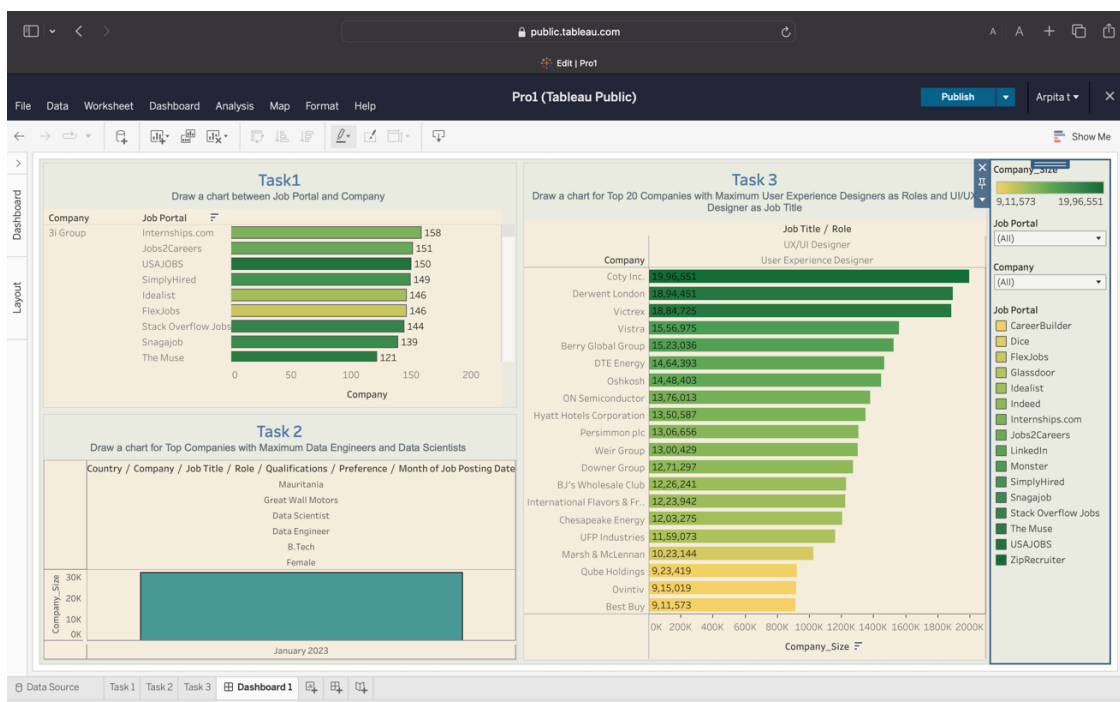
Insight: After applying all filters, only one company Great Wall Motors shows the number of female data engineers who did B.Tech and joined between 01/01/2023 to 06/01/2023.

Task 3: For this task I designed a chart for top 20 companies which contain more than 5 characters in name, with max user Experience Designer as role and job title as UI/UX Designer.

Insight: After applying all filters, the company Coty Inc. show maximum number of User Experience Designers with the job title UI/UX Designer.

The dashboard which contain all three chart.

Skills Developed:

During my internship, I acquired several skills that are essential for a career in data analytics, including:

- Proficiency in data manipulation using tools like Python.
- Data visualization techniques using tools like Tableau.
- Understanding of statistical methods for data analysis.

Challenges Faced:

While working on projects, I encountered some challenges, such as:

- Dealing with incomplete or inconsistent data.
- Ensuring data privacy and confidentiality.

Conclusion:

Overall, my internship experience at NullClass has been invaluable in enhancing my skills and understanding of data analytics. Over the course of 1 months, I was involved in several tasks related to data analysis, including data cleaning, and visualization. This report aims to highlight the projects I worked on, the skills I acquired, and the challenges I encountered during my internship. I believe that the knowledge and experience gained during this internship will serve as a strong foundation for my future career in data analytics.

Feedback:

I appreciate the opportunity to participate in the online internship program. It has been a rewarding experience and I found the hands-on experience with real projects extremely beneficial. The tools and platforms used for the internship were generally effective. Providing more training on these tools, or having a dedicated support channel for technical issues, could improve the user experience.