Final Project

Data Visualization and Reporting Tool

INSTRUCTION:

- Ensure that you deliver the .pbix file before the deadline.

- You can apply any approach that you find suitable for the analysis.

You will be working with MCIT-Data, an employer recruiting firm, to gain insights into job market trends in data science. Recruiters, also known as head hunters, perform employment recruiting services for both companies and those looking to gain employment. You'll be tasked to use a dataset of job postings to find trends in top data science jobs along with associated skills. Trends in the job market are a classic supply and demand problem.
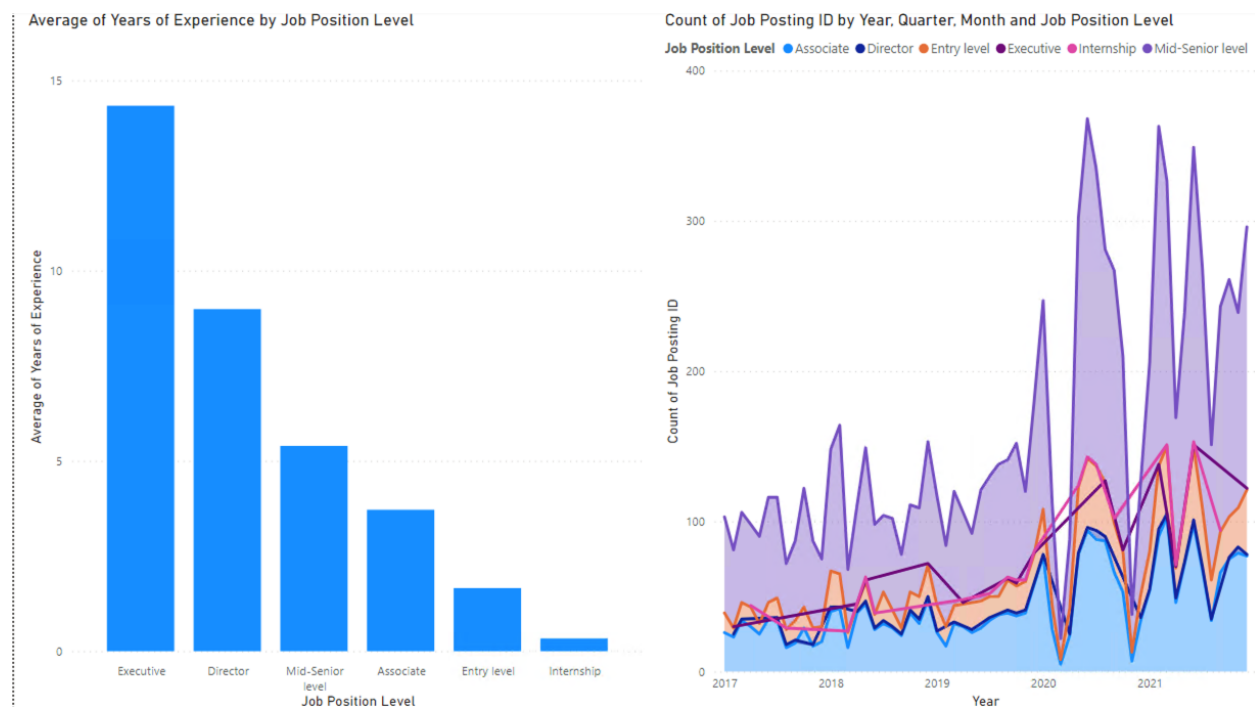
You will be using a fictitious dataset that is comprised of job postings for the data science industry over five years. Each entry in the table of this dataset correlates to a specific job posting in time, which has 16 attributes or columns for each posting.
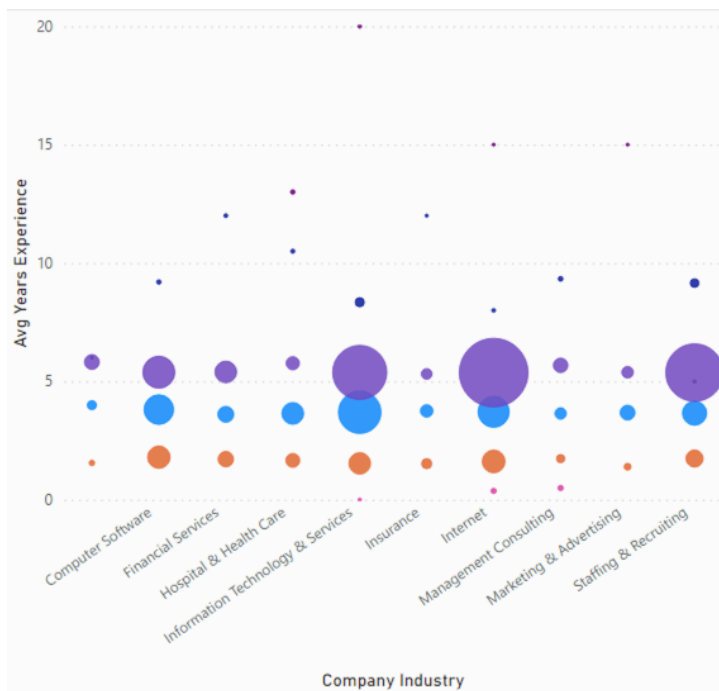
The dataset is comprised of both Qualitative and Quantitative characterized columns. For the Qualitative Columns, the primary

columns include items relevant to a job posting, such as the ID, title, type, and level.

For the quantitative columns, we will be looking at attributes such as dates of job postings, minimum experience level requested in years, minimum and maximum salary offered for the job posting, and the number of applicants that applied to the job in the first 24 hours.

Your final deliverable will be a dashboard with insights generated using the analysis and Power BI. Snapshots of sample dashboards are included:

Job Title	Company Name	Posting Count
Data Engineer	Toptal	994
Data Scientist	Toptal	673
Business Analyst	Perficient	220
Data Engineer	Jobot	183
Data Architect	Perficient	149
Data Engineer	Recruiting from Scratch	120
Business Analyst	Dice	103
Data Scientist	Jobot	97
Data Engineer	Dice	89
Data Analyst	Perficient	50
Business Analyst	Zscaler	44
Business Analyst	Jobot	43
Data Analyst	Kraken Digital Asset Exchange	43
Data Engineer	Blackbaud	43