**SCAMP Cohort 6 Mentorship Assessment**

**Fake Job Postings Analysis**

**Carried out by**

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The brief for the fake job postings dataset analysis was to find the industries with the most fraudulent job posts. After cleaning my data by removing irrelevant data, I analyzed the dataset and found out there were over 80 industries with job openings spanning from the financial industry to construction, technology, and consumer services. The locations for the job adverts spanned across various cities around the world and the recruitment positions ranged from entry-level to director level.

Through my analysis, I was able to pinpoint the industry with the highest number of fraudulent job posts as the Oil and gas industry with Mid Senior level positions in the industry being advertised has requiring only a High School certificate. A total of 18 fraudulent posts were posted for the Oil and gas industry in a dataset of over 1000 job postings closely followed by the Accounting industry with 12 fraudulent job posts, Consumer services and real estate with 11 fraudulent posts, and the telecommunication and financial industry with 8 fraudulent posts.

I also analyzed the industries with the most job posts and discovered the ICT, Internet, Computer Science, Marketing and advertising, and financial services industries had the most job posts. The locations with the most job openings were London, New York, Auckland, Chicago and, Berlin while the top industries with company logs on their job postings were ICT, Internet, Computer Software, Marketing and Advertising and, Financial Services.

A look at the employment type distribution showed the majority of jobs advertised to be full-time. Overall, the dataset had a host of interesting parameters such as telecommuting options and educational requirements which helped specify what kind of candidates were needed for employment, however, the main brief for the analysis was to find out the industry with the most fraudulent job postings. The oil and gas industry has been found through my analysis to be the industry with the highest number of fraudulent job posts, thank you.