Sales & Marketing has reached out to the data science team to profile the attached 100 companies by six functional areas:

1) Sales & Marketing

2) Engineering, Research & Development

3) Customer Services

4) Business Operations

5) Leadership

6) Other

For this particular work sample, we will look at indeed jobs and use it as an indicator to see how many jobs can we find for each of these functional areas.

So, you will need to scrape indeed jobs and map the job titles to these functional areas using ML techniques, anything which can't be mapped can be considered as "Other". e.g. Software Engineer can be mapped to "Engineering, Research & Development"

Output could be a simple CSV file with the following columns

1) Company Name (which is provided in the input)

2) Number of Jobs

3) Number of Jobs in Sales & Marketing

4) Number of Jobs in Engineering, Research & Development

5) Number of Jobs in Customer Services

6) Number of Jobs in Business Operations

7) Number of Jobs in Leadership

8) Other