**Project: Resume Analysis**

**Project description:**

There are many more interesting aspects of Text Analytics, now let us proceed with our resume dataset.

The dataset contains text from various resume types and can be used to understand what people mainly use in resumes.

Resume Text Analytics is often used by recruiters to understand the profile of applicants and filter applications.

Recruiting for jobs has become a difficult task these days, with many applicants for jobs.

Human Resources executives often use various Text Processing and File reading tools to understand the resumes sent.

Here, you can work with a sample resume dataset, which contains resume text and resume category.

We shall read the data, clean it and try to gain some insights from the data.

1. Load the data into python.
2. Cleaning and preprocessing the resume text.
3. Performing the NLP tasks on the cleaned text.
4. Find the frequency distribution of the words.
5. Build the word cloud with the corpus.
6. Filter the resume data for a specific category of Data Science.
7. Create a corpus for data science resume text.
8. Find the frequencies of the important skills in Data science.

**Evaluation Scheme:**

**Total marks:** **100**

**Deliverables [Total marks - 95]:**

1. Load the data into python 🡪 10 marks.
2. Cleaning and preprocessing the resume text 🡪 30 marks.
3. Performing the NLP tasks on the cleaned text 🡪 25 marks.
4. Find the frequency distribution of the words 🡪 10 marks.
5. Build the word cloud with the corpus 🡪 5 marks.
6. Filter the resume data for a specific category of Data Science 🡪 5 marks
7. Create a corpus for data science resume text. 🡪 5 marks
8. Find the frequencies of the important skills in Data science. 🡪 5 marks

**Project Submission [Total marks - 5]:**

1. Once the project has been created, upload all the files on GitHub & commit (save) all the changes, make sure you add a readme file containing detailed description of your thoughts during the project creation. **[3 marks]**
2. Once done, kindly copy the GitHub link of your project & submit the same using your dashboard. **[2 mark]**