

# Resume Screening for Taqat using NLP

## Background

### Company Info:

Taqat is a full-fledged platform that provides services for the private and public sectors as well as service providers in the Saudi labor market. Also, it brings together job seekers and employers offering effective and efficient services for employment and training that increase stability and upskilling of Saudi nationals and give equal opportunities for all. The Taqat staff noticed that recruiters spent a lot of time filtering applicants, hence they sought a team of ambitious data scientists to help them scan and filter resumes.

### Problem Statement:

Large companies do not have enough time to open each resume, so they use machine learning algorithms for the Resume Screening task.

## Dataset Description:

- **Datasets with Description:**

In this project we use dataset from [kaggle.com](https://www.kaggle.com)

- **Scope of the work:**

Number of features: 2 features/Columns

Number of rows: 962 rows/observations

## Names of Columns with Description:

FEATURE	DESCRIPTION
Category	The field in which the applicant works
Resume	The text inside the applicant's resume

## The Main Technologies and Libraries that will be used are:

1. Technologies:
  - Python
  - Jupyter Notebook
  - Google colab
2. Libraries:
  - Pandas
  - NLKT
  - Matplotlib
  - Seaborn
  - NumPy
  - Sklearn

### Note:

- ❖ During the project analysis, some additional tools may be used.