Project proposal

Problem statement:

Many people are asking about the most sought-after jobs in the labor market recently, so I, as a data analyst, made use of the information provided on Bayt.com, the largest job site in the Middle East and North Africa, and it is the link between job seekers and employers who intend to hire. Every day, the region's top employers add thousands of vacancies to the platform.

Data description:

Column name	Description
Job_ID	**Primary key - Integer**
Title	**Job title – String**
Job_Url	**Link to the job – VARCHAR**
Company	**Company name – String**
Company_Url	**Link to company – VARCHAR**
Date_Posted	**Date job posted – Date**
Job_Description	**String**
Job_Location	**String (Only in Saudi Arabia)**
Job_City	**String**
Company_Industry	**String – Medical , IT , Academic …**
Company_Type	**String – (Public , private)**
Gender	**String – (M , F)**
Monthly salary range (min)	**Integer**
Monthly salary range (max)	**Integer**
Career Level	**String - (Entry , Mid …)**

Data size:

-Number of columns and Rows
 (13 , 3469)

Tools:

–Programs: Python – SQL.

- Libraries: Panads – Matplotlip – NumPy.

-Plots: Pie plot – Bar graph – Histogram.

MVP goal:

Helping job seekers and graduate students to be aware of the most in-demand jobs in the labor market in terms of studying the data provided by BAYT.COM and the most time periods in which the peak search by employers rises.