Explorin Academy

Trends in Job Market

DPP - 12

Problem:

Analyze the Amazon job postings information, to uncover key job market trends, identify high-demand skills, and forecast industry hiring patterns.

Database:

AmazonJobMarket_Explorin.csv

Task:

01. Identify the top 5 most frequently required skills in Amazon job postings.

02. Determine the top 3 locations with the highest number of job postings.

03. Find the job title with the highest number of postings and its count.

04. Analyze the month with the highest number of job postings.

05. Filter the job postings requiring Python as a skill and count them.

06. Analyze the distribution of job postings by company department.

07. Find the average salary range for each job title in the dataset.

08. Identify job titles that are most commonly associated with remote work.

09. Calculate the correlation between job location and required skills.

10. Predict job posting trends for the upcoming quarter using time-series analysis.