Hope Artificial Intelligence

Scenario Based Learning

A company works with number of employees, all the works are dependents on the employees. Even if one of the employees resign the job immediately then assigned work will be not finished at the time, so delivery of the project to the clients will be delayed. Company planned to make solution for this, they want to know which employee may resign next. If they know previously, they can arrange alternative to avoid such problem. As an AI

Engineer you must give Solution to this.

A) How will you achieve this in AI?

I will gather inputs such as years of service, recent roles applied for, manager details, location, and survey data to assess the risk of an employee leaving the organization.

B) Find out the 3 -Stage of Problem Identification

Stage 1: Since the input involves numerical data, I will opt for a Machine Learning approach.

Stage 2: Supervised Learning. The problem statement is clear with both input and output data.

Stage 3: Regression algorithm considering the output is numerical, assigning a score would be the most suitable approach.

C) Name the project

Flight Risk Score Prediction

D) Create the dummy Dataset. 