

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?

B)Find out the 3 -Stage of Problem Identification

C)Name the project

D)Create the dummy Dataset.

A-Gather historical Datas of employee who resignation and Related attributes and extract features from the data using this we can predict.

B- Stage 1-Machine Learning

Stage 2-supervised Learning

Stage 3-Classification

C-Employee Resignation Prediction

D-Dummy Dataset

Employee ID	Year of Experience	Position	Department	Salary	Project completion Time	Resigned
231	5	Software Engineer	IT	60000	45	0
232	8	Analyst	Finace	40000	60	1
233	4	Developer	IT	55000	50	0