Machine Learning

Problem Identification Assignments

Requirement:-

Find out which employee may resign next.

Input:-

Employee resign date (or) when they put paper in the company

Output:-

Number of employees are resigning in particular month

A)How to achieve through AI:-

Since this is related to employee resign date, solution can be achieved through Time Series Analysis only.

B) 3 stages of problem identification:-

Stage 1 - Time series analysis (Because of date input)

Stage 2 – Supervised Learning (Because of requirement is clear, input and output is available)

Stage 3 – Regression (Because of numerical output)

C)Project name:-

Identification of resigning employees

D)Dummy Dataset:-

Employee ID	Resigning Date	Total no. of employees resiging (Month)
11001	20/09/2023	1
19303	17/10/2023	
31098	21/10/2023	
17053	21/10/2023	3