

Problem Identification Assignments

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.

Project: Employee Resignation Prediction

The dummy Dataset:

Name	Age	Resign Date	Status
John	42	22/10/2022	Resign
Ravi	34	-	Not Resign
Asif	51	15/08/2023	Resign
Kumar	27	-	Not Resign

3 -Stage of Problem Identification:

Stage1: Time Serial Analysis (TSA)

Stage2: Supervision

Stage3: Regression