

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 this month or 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.

How will you achieve this in AI?

Requirement: Predict whether an employee is likely to resign or not

Do the prediction using employee job satisfaction score and provide output as 0->Stay, 1->Resign

Find out the 3-Stage of Problem Identification?

ML(NLP can be used as well) → Supervised -> Classification

Name the project? Resignation predictor

Dummy Dataset:

Emp. No	Years at Company	Job Satisfaction	Resign
001	5	2	Resign
002	7	5	Stay
003	2	4	Stay
004	10	1	Resign