

A Company works with number of employees, all the works are dependent on the employees. Even if one of the employees resigns 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 alternatives to avoid such problems.

As a AI Engineer you must give solution to this,

- a) How will you achieve this in AI?
- b) Find out the three stage of problem identification
- c) Name the Project
- d) Create the Dummy dataset

Prediction – Employee who going to resign next

Call to action – assign project to next productive person

- a) As an AI engineer we collect the dataset from the company, will study the data pre analysis and calculate the structural way of predicting the solution. By using data, we will predict and analysis and find the result of which employee will resign next.
- b) Three stages of problem identification:
 - 1. Stage1 – NLP
 - 2. Stage2 – Supervised
 - 3. Stage3 – Classification
- c) Name the Project: Save the Project
- d) Dummy dataset

S.No	Input Employee name	No. Years of working	Salary	Designation	Number of project handled	Freq of leave taken	Employee friends	Output Plan of resignation/ Satisfaction Marks