

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?

Answer:

We can predict the employee resigning using there year of experience in the company and no of project the worked on the past months and no of days they worked.

B) Find out the 3 -Stage of Problem Identification

Answer:

Stage – 1: Machine learning

Stage-2: Supervised learning

Stage-3: Classification

C) Name the project

Answer: Employees resigning prediction

D) Create the dummy Dataset.

Employee name	No of project Worked in a month	Total leave days in a month	No of experience in the company	Output
Person 1	2	10 days	4 years	Resign
Person 2	8	2 days	2 Years	Not Resign
Person 3	3	8 days	3 Years	Resign