

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?

We need to to predict whether the particular employee will resign or not. Employees may resign due to various reasons like less salary, higher studies, more working hours, not getting promotions etc..

B) Find out the 3 -Stage of Problem Identification

Stage 1 - Machine Learning

Stage 2 - Supervised Learning

Stage 3 - Classification

C) Name the project

Employee Resignation Prediction system

D) Create the dummy Dataset.

Working Hours	Salary	Higher Studies plan	Resignation
8.5	40,000	yes	Will resign
8.5	60,000	no	Will not resign
11.5	23,000	no	Will Resign
9.0	65,000	no	Will not resign
8.5	40,000	yes	Will resign