

## 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?

By prediction (Couldn't catch the logic)

B) Find out the 3-Stage of Problem Identification

Time Series Analysis->Supervised->Classification

C) Name the project

Employee resignation prediction

D) Create the dummy Dataset.

Employee Name	Employee ID	Working Since	Experience	Last promotion on	Expected to resign?
Raj	I23045	2014	9 Years	01/01/2023	No
Imthi	I16034	2016	7 Years	01/01/2020	Yes
Maggi	I22034	2022	1 Year	01/01/2023	No
Mani	I12345	2011	13 Years	01/01/2020	Yes