

Project Title: Employee Retention Prediction

Problem Statement:

Predicting whether an employee is likely to resign or not.

This is a prediction problem and it fits into Structured classification (resign / not resign).

Dummy DataSet

Employee ID	Age	Tenure Years	Projects Assigned	Job Satisfaction (1-5)	Last Promotion Years	Absenteeism Days	Distance from office (km)	Will Resign
1001	29	2	3	4	2	2	0.5	No
1002	45	8	5	2	5	5	1	Yes
1003	32	4	2	5	1	1	2	No
1004	27	1	4	3	1	6	5	Yes

Above solution for the following requirement:

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?
- B) Find out the 3 -Stage of Problem Identification
- C) Name the project
- D) Create the dummy Dataset.