

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?

Once we have seen the dataset we can find the pattern of the resigned employees. By seeing the pattern, we can predict the future who resigns next. So, CTA will be, we will alert the respective Manager and HR so that they can plan accordingly.

B) Find out the 3 -Stage of Problem Identification

Machine Learning – Supervised – Classification

C) Name the project

Employee Resignation Predictor

D) Create the dummy Dataset.

NAME	AGE	GENDER	EMP ID	PERFORMACE SCORE (out of 10)	APPRAISAL HIKE PROVIDED	RESIGNATION
Jagadeesh	32	Male	101	8	11%	Not Resigned
Nani	29	Male	102	6	4%	Resigned
Chinni	22	Female	103	9	11%	Not Resigned