

Employee Resign prediction

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?

Collecting the data about employees from the company to preprocess the data to create a module for prediction

B)Stage of Problem Identification

Machine learning
supervised learning
classification

C) Name the Project

Employee resign prediction

D) Dummy Dataset

Below is an example of a dummy dataset with relevant features:

Employee_ID | Age | Department | Salary | Job_Satisfaction | Performance_Score |
Working_Hours | Last_Promotion_Years |

Employee_ID	Age	Department	Salary	Job_Satisfaction	Performance_Score	Working_Hours	Last_Promotion_Years
101	34	IT	50000	3.5	8.0	45	2
102	29	HR	40000	4.2	7.5	40	3
103	40	Finance	700	2.8	6.0	50	1

Employee_ID	Age	Department	Salary	Job_Satisfaction	Performance_Score	Working_Hours	Last_Promotion_Years
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104	27	Marketing	45000	4.8	7.2	42	4
105	35	Sales	60000	3.0	6.5	48	3