A)How will you achieve the solution in AI?

I will check the database, and if it is numbers, I will use machine learning algorithms to predict if the employee will resign or not using the input features and previous strategy.if the employee is predicted to resign call to action will be set to alert the management to make alternatives.

B)Find out the three stages in problem identification

Dataset :Number

Domain: Machine Learning

Sub domain :Supervised Learning

Classification (Since the label is categorical as will resign and will not resign )

C)Name of the Project:

Employee Resignation Prediction

D)Create a dummy dataset

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| --- | --- | --- | --- | --- |
| Input1(No of leave days per month ) | Input2(interaction with co workers) | Input2(Performance level) | Input 3(Completing the task on time) | Output(Label)  (will resign/will not resign) |
| 8 | normal | Average | yes | Will not resign |
| 10 | poor | Poor | no | Will resign |