A company works with a number of employees, all the works are dependents on the employees. Even if one of the employees resigns from the job immediately the assigned work will be not finished at the time, so delivery of the project to the clients will be delayed. The company planned to make a solution for this, they want to know which employee may resign next. If they know previously, they can arrange alternatives to avoid such problems. As an AI Engineer, you must give a solution to this.

1. How will you achieve this in AI?

Answer: We can use \*\*predictive analytics\*\* to predict which employee may resign next.

1. Find out the 3 -Stage of Problem Identification

Stage 1: Machine Learning ( As we can use Employee Number #1,2.. like that from DB) to predict Resign or not .)

Stage 2: Supervised learning ( Since we have input as employ number and output should resign or not .)

Stage 3 : Classification (We need to classify the output as either resign or not.

1. Name the project

**Employee Attrition Predictor (EAP)**

D) Create the dummy Dataset

A screenshot of a computer program

Description automatically generated.