**Employee JOB prediction – Scenario based learning**

1.How will you achieve this in AI?

I will collect all Dummy dataset for Employees like Contract Agreement end date, increment percentage and leave data. Clean the data.

I will create New AI modal and trained with cleaned data set until achieve 99.9% accuracy.

Then use for Feature Employee service prediction (resign or not resign).

**Domain**: **Machine Learning**

**Learning**: **Supervised learning**

**Category**: **Classification**

2.Find out 3 stages of problem identification?

**Domain**: **Machine Learning**-

This is Number related prediction So it will fall under domain Machine learning.

**Learning**: **Supervised learning**

we have both input and output data so it will come under Supervised learning

**Category**: **Classification**

Output either of two categories “Resign” or “Not Resign” So it will fall under classification

3.Name the project?

This solution for Employee job service related prediction So I would like to named this

**“Employee Job service prediction”**

4.Create the Dummy Dataset?

**Domain**: Machine Learning

**Learning**: Supervised learning

**Category**: Classification

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Input-1 | Input-2 | Input-3 | Input-4 | Input-5 | Output |
| Name( | Appraisal Class(A –good-B-Satisfied C-very poor | Last year Increment percentage | Contract Agreement completion date | No of days Leave data | Final Output |
| Raja | B | 2% | 9.07.2024 | 20 | Resign |
| Sinamika | A | 7% | 4.12.2050 | 3 | Not Resign |
| Niralyan | A | 9% | 6.01.2045 | 2 | Not Resign |
| Preethi | A | 4% | 5.03.2025 | 5 | Not Resign |
| Saravanan | C | 2% | 01.07.2024 | 25 | Resign |
| Prabu | C | 1% | 05.08.2024 | 19 | Resign |
| Sathya | B | 6% | 16.09.2024 | 17 | Resign |