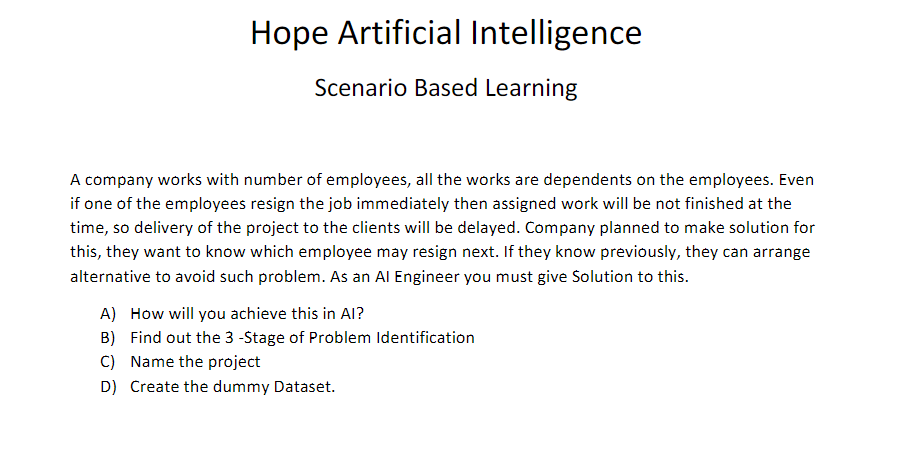
**Problem Identification Assignment**

Question:



A) Machine Learning

B) Stage 1 – Machine Learning

Stage 2 – Supervised Learning

Stage 3 – Regression

C) Resource – Resignation Prediction / Proactive Work load Prediction for Employees

D) Data Set

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| EMP\_ID | EMP\_NAME | DATE\_OF\_JOINING | Designation | Year\_of\_Experience | More\_THAN\_THREE\_YEARS | LABEL\_POSSIBLITY OF RESIGNING |
| 1000 | Tharani | 20-03-2019 | Senior | 5.00 | Yes | Yes |
| 1001 | Ram | 02-09-2020 | Senior | 4.00 | Yes | Yes |
| 1002 | Bharath | 04-05-2023 | Junior | 1.50 | No | No |
| 1003 | Sarath | 10-06-2022 | Junior | 2.00 | No | No |
| 1004 | Kannan | 31-07-2021 | Senior | 3.50 | Yes | Yes |