**Task 3**

**ML Problem Identification**

**Marks: 20**

**Time: 15 minutes**

This task is based on your real-world understanding and ability to identify whether a problem can be solved by Machine Learning or not. Identify and fill problems that you feel can be solved with Machine Learning and also mention the difficulty level of solving using Machine Learning, if it can be solved.

**List a set of problems that you think AI/ML can solve in these following domains**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Healthcare** | **Difficulty** |
| **1** | **Patients Private data** | **High** |
| **2.** | **Health Risks** | **High** |
| **3.** | **Prioritizing Patients according on health symptoms** | **Low** |
| **4.** | **Healthcare Diagnosis** | **High** |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Education** | **Difficulty** |
| **1.** | **Customize Learning** | **Medium** |
| **2.** | **Recommendations of the courses** | **High** |
| **3.** | **Computerized grading** | **Low** |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Banking** | **Difficulty** |
| **1.** | **Fraud Detection** | **High** |
| **2.** | **Document Analysis** | **Low** |
| **3.** | **Money Laundering** | **High** |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **S.No** | **E-Commerce** | **Difficulty** |
| **1.** | **Product Description** | **Low** |
| **2.** | **Specific personal recommendations** | **High** |
| **3.** | **Product quality check** | **Medium** |
| **4.** | **Customer Behavior Analysis** | **High** |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Your Problems** | **Difficulty** |
| **1.** | **Personal Safety** | **High** |
| **2.** | **House Price Prediction** | **Medium** |
| **3.** | **Climate change Prediction** | **Low** |
| **4.** | **Traffic Control Analysis** | **Medium** |
|  |  |  |