

**Task 4**

**ML Problem Types**

**Marks: 20**

**Time: 15 minutes**

This task is based on your real-world understanding and ability to identify what kind of problem it is. Identify the type of ML problem. Mention whether a problem is Classification / Regression / Clustering / Association / Reinforcement type.

**List the type of problem for the problems you specified in Task3 for the following domains**



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| **S.No** | **Healthcare** | **Type** |
| **1** | **Patients Private data** | **Classification** |
| **2.** | **Health Risks** | **Classification** |
| **3.** | **Prioritizing Patients according on health symptoms** | **Classification** |
| **4.** | **Healthcare Diagnosis** | **Classification** |
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| **S.No** | **Education** | **Type** |
| **1** | **Customize Learning** | **Regression** |
| **2.** | **Recommendations of the courses** | **Association** |
| **3.** | **Computerized grading** | **Classification** |
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| **S.No** | **Banking** | **Type** |
| **1.** | **Fraud Detection** | **Classification** |
| **2.** | **Document Analysis** | **Reinforcement** |
| **3.** | **Money Laundering** | **Classification** |
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| **S.No** | **E-Commerce** | **Type** |
| **1.** | **Product Description** | **Clustering** |
| **2.** | **Specific personal recommendations** | **Association** |
| **3.** | **Product quality check** | **Classification** |
| **4.** | **Customer Behavior Analysis** | **Association** |
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| **S.No** | **Your Problems** | **Type** |
| **1.** | **Personal Safety** | **Reinforcement** |
| **2.** | **House Price Prediction** | **Regression** |
| **3.** | **Climate change Prediction** | **Regression** |
| **4.** | **Traffic Control Analysis** | **Regression** |
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