**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** | **E-Commerce** | **Difficulty** |
| **1** | **Product Recommendation** | **Medium** |
| **2** | **Dynamic Pricing** | **Medium** |
| **3** | **Sentiment Analysis** | **Medium** |
| **4** | **Inventory Management** | **Medium** |
| **5** | **Image Search** | **High** |

|  |  |  |
| --- | --- | --- |
| **S.No** | **Your Problems** | **Difficulty** |
| **6** | **Game Difficulty Adjustment** | **High** |
| **7** | **AI Opponent Development** | **High** |
| **7** | **Game Recommendation** | **High** |
| **8** | **Cheating Detection** | **High** |