**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**

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| **S.No** | **Healthcare** | **Difficulty** |
| **1** | Image recognition to diagnose disease | Hard |
| **2** | Demographic models for public policies | Medium |
| **3** | Predictive models for future sources of contagion in cities | Hard |
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| **S.No** | **Education** | **Difficulty** |
| **1** | Online education that adapts to the student's study rhythm by recommending lessons | Medium |
| **2** | Visual recognition to help blind people with learning | Hard |
| **3** | Short-time summaries of extensive content | Hard |
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| **S.No** | **Banking** | **Difficulty** |
| **1** | Credit allocation | Hard |
| **2** | Allocation of discounts and benefits | Medium |
| **3** | Predictive portfolio collection | Hard |
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| **S.No** | **E-Commerce** | **Difficulty** |
| **1** | Recommender based on past purchases on the platform | Medium |
| **2** | Loyalty system for people with better transactional behavior | Medium |
| **3** | Targeted advertising on the e-commerce platform | Hard |
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| **S.No** | **Your Problems** | **Difficulty** |
| **1** | models to buy the best stocks on the market | Hard |
| **2** | Algorithm to manage my finances | Medium |
| **3** | voice assistant for language learning | Hard |
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