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.	Early detection of Alzheimer's	Medium to High
2.	Suggesting the best lifestyle based on the user's history and genetic data	Medium to High
3.	Wearable Devices and AI to Analyze Activity, History, and Real-Time Data for Preventive Alerts and Early Interventions for blood pressure and diabetes	Medium to High

S.No	Education	Difficulty
4.	AI-Driven Talent Discovery System Using Genetics, Personal History, Engagement Patterns, and Gamified Assessments (having some games to be more accurate than just tests)	Medium to High

S.No	E-Commerce	Difficulty
5.	Using AI to Analyze Reviews and Feedback to Improve products, and Business Decisions	Medium

S.No	Your Problems - Global Warming	Difficulty
6.	AI-Powered Sustainability Advisor: Personalized Insights for Enhancing Well-Being, Reducing Bills, and Minimizing Carbon Footprint	High
7.	Smart Waste Sorter: AI-Powered App for Scanning Product Barcodes and Suggesting Appropriate Waste Bins to Promote Accurate Waste Disposal at Home, Festivals, and Public Spaces, Reducing Human Error	low to Medium