

## Learner Space Submission

**ML Problem Detective: Visit 5 different apps/websites you use and identify what ML they might be using**

YouTube – Recommender system for suggesting videos using collaborative filtering & deep learning.

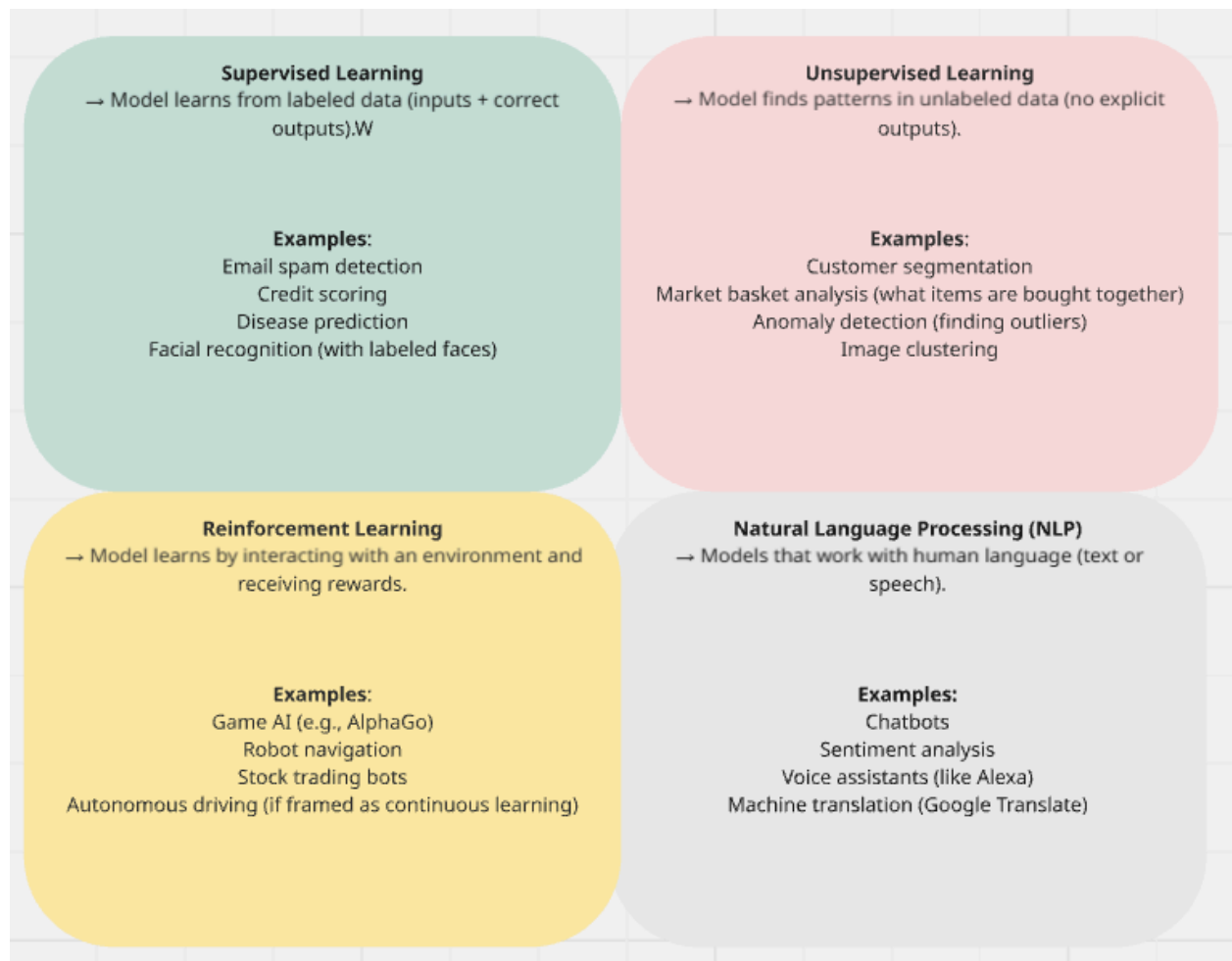
Google Photos – Image recognition and clustering using CNNs to group people or scenes.

Amazon – Personalized product recommendations using user behavior data.

Google Maps – Traffic prediction using time-series data and ML models.

Instagram – Feed ranking and ad targeting using engagement prediction models.

**Scenario Sorting: Create a digital board (using Miro or Jamboard) and sort 10 real-world problems into ML categories**



**ML Ethics Minute: Choose one ML application (e.g., facial recognition, job filtering) and write a 2-line argument for and against its use**

For:

Enhances public safety by aiding law enforcement in identifying criminals efficiently.

Against:

Risks mass surveillance, privacy invasion