## **Perceptron Summary**

When will you use perceptron

1. Data: real inputs
2. Task: Classification (Boolean output)
3. Model: ni=0 wixi >= 0
4. Cost/loss: Σi 1(yi ≠ ŷi)
5. Learning Algorithm: Randomly assign and adjust w and b iteratively till convergence
6. Evaluation: Accuracy
7. How does this tie into final project
8. Perceptron can be used for image detection.