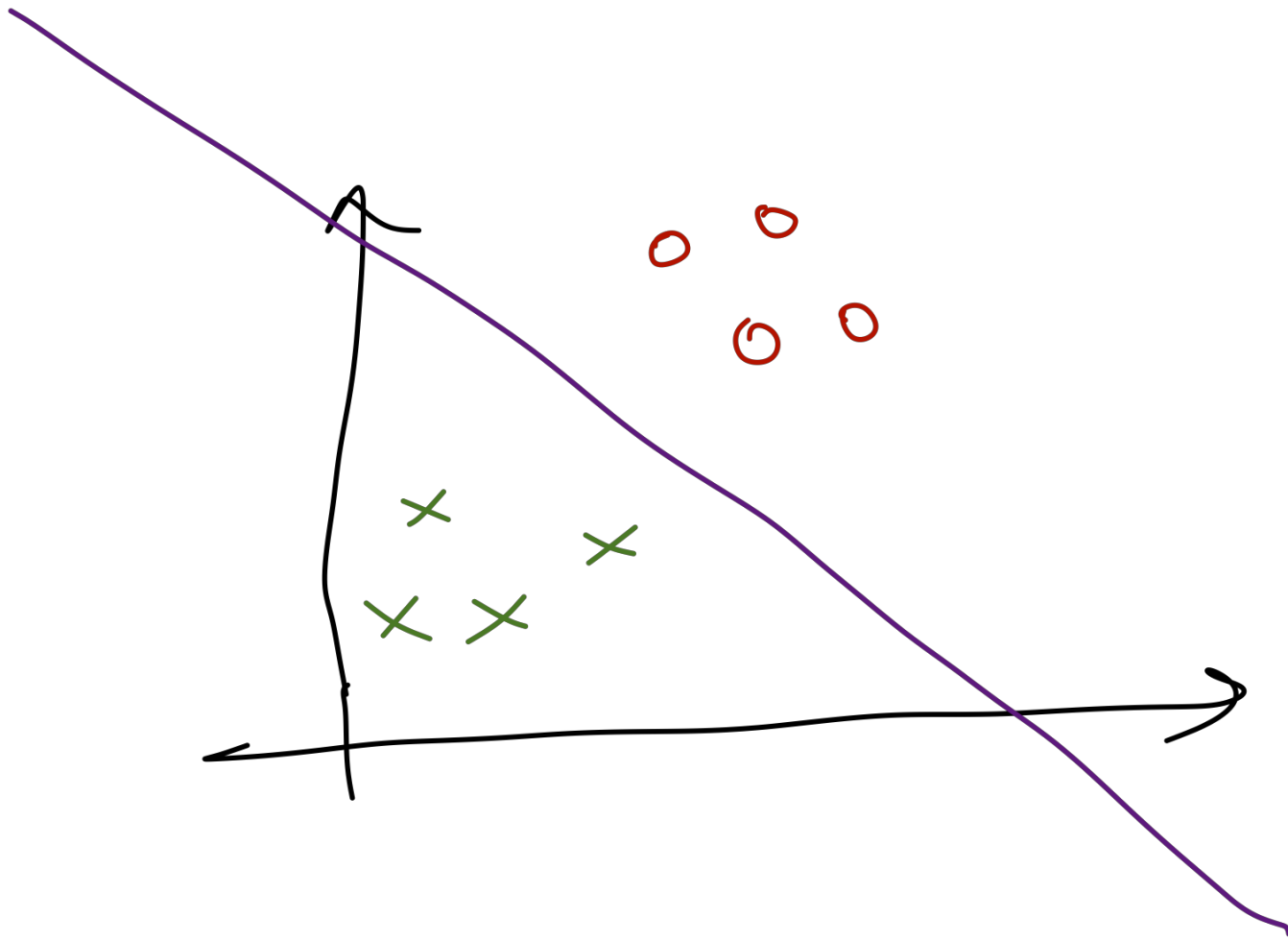


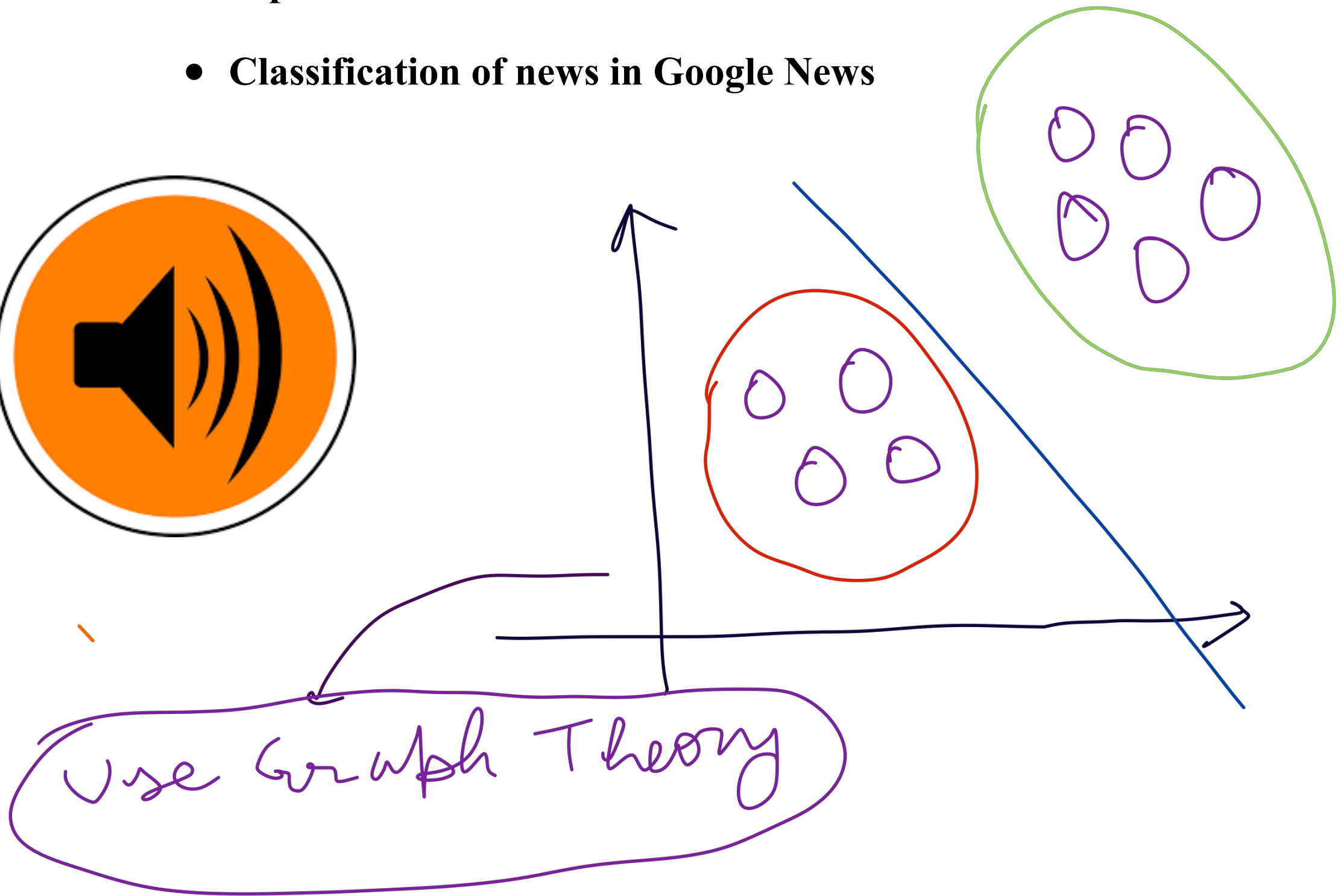
UNSUPERVISED LEARNING

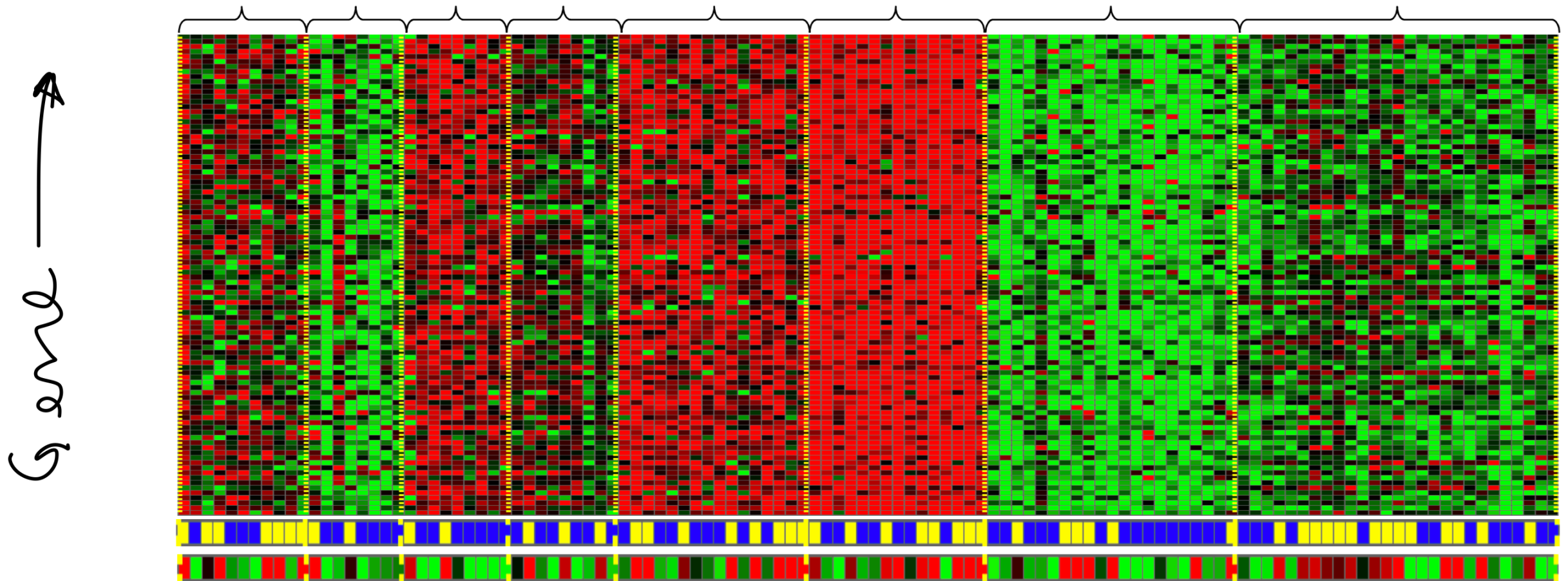


supervised learning

GROUPING

- Separation of sound from Noise
- Classification of news in Google News





Genomic distance →

Identify which of these is a Supervised Learning/ Unsupervised Learning Problem

- **You have to detect which email is spam/not spam**
- **You are given a large list of items, and you have to group them into several categories**
- **You are given a set of images of animals , automatically derive various types of categories, and classify them.**
- **You are given a set of images of animals, you have to detect which of them are cats and dogs.**

THANK YOU !!!!



Rajat Modi