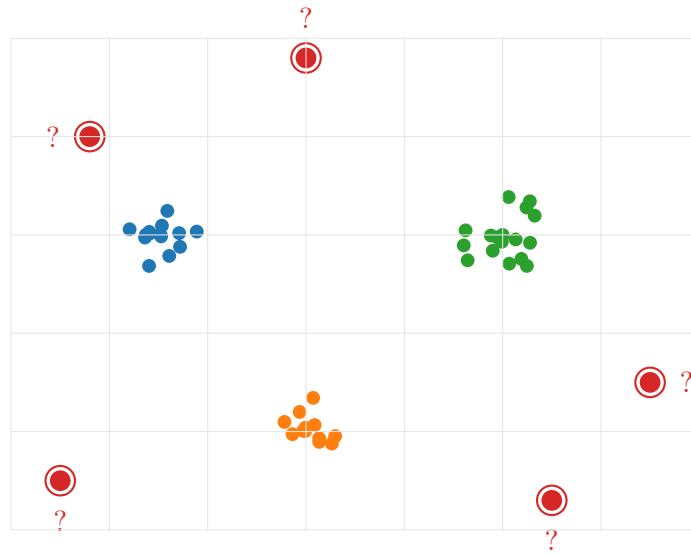


Discovery 6: Outliers & Misfits

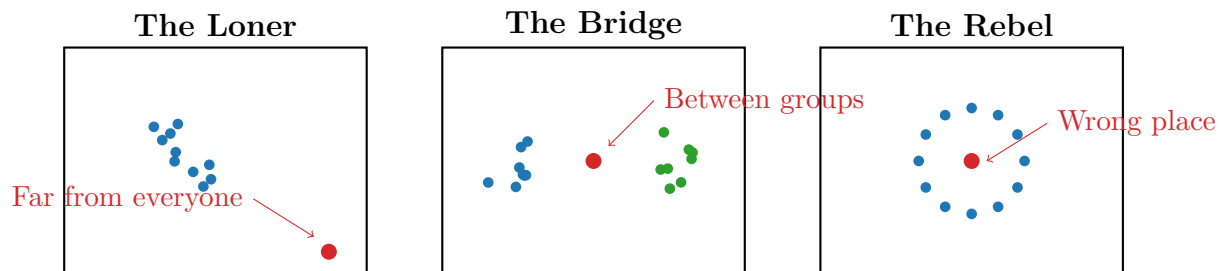
Finding What Doesn't Belong

Spot the Outliers

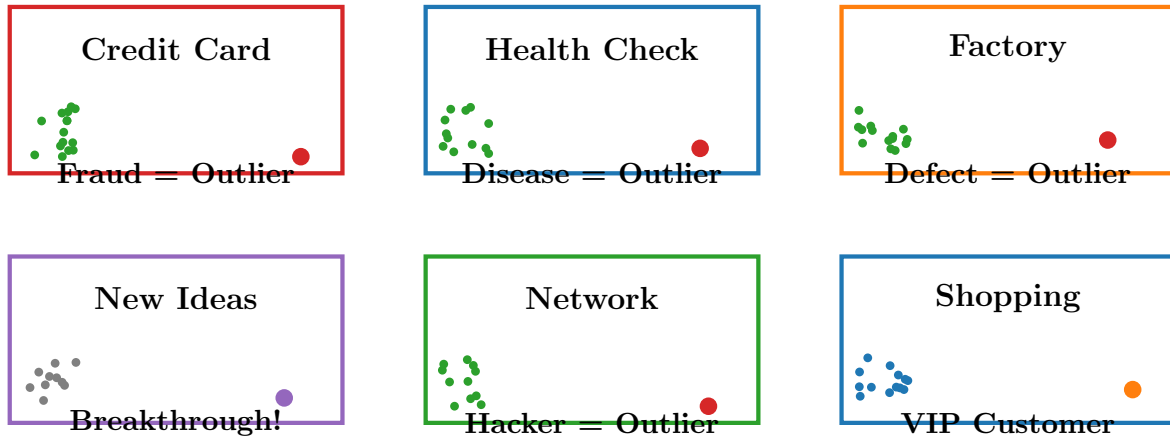


Circle the dots that don't belong

Three Types of Misfits



Why Outliers Matter



Your Turn: Find Your Outliers

Think of your class/team/group

Draw people as dots
Similar people closer together

Who are the outliers? Why?

The Big Question

Outlier = Bad?

Sometimes **dangerous** Sometimes **valuable**
(fraud, defect, attack) (innovation, talent, opportunity)

How do you decide?

Next Class: How ML detects outliers automatically