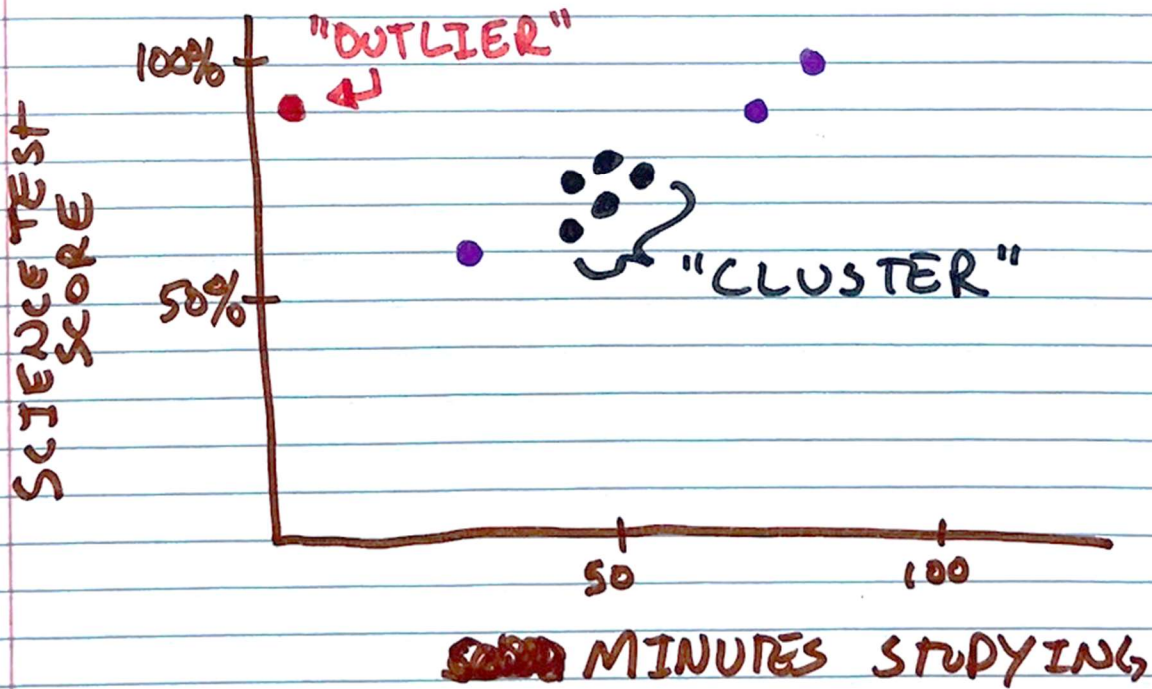


TOPIC 6-1 → Introduction to Scatter Plots

Look for trends in MESSY data!

	(X) Minutes Studying	(Y) Science Test Score
STUDENT 1	50	80%
STUDENT 2	50	70%
STUDENT 3	48	75%
STUDENT 4	48	65%
STUDENT 5	52	75%
STUDENT 6	5	90%
STUDENT 7	30	60%
STUDENT 8	70	90%
STUDENT 9	80	100%



Definitions

Outlier → a data point outside the overall trend

Cluster → a group of data points

Remember!

These scatter plots are all about STORIES!

- The more you study, the better you will do on your science test
- NOT a proportional relationship
- Most kids studied around 50 minutes and scored around 75% correct
- One kid is AWESOME at science, but not living up to her potential.