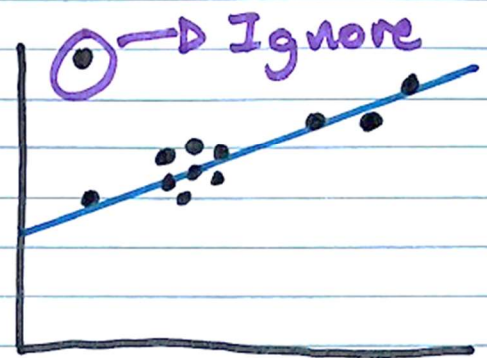


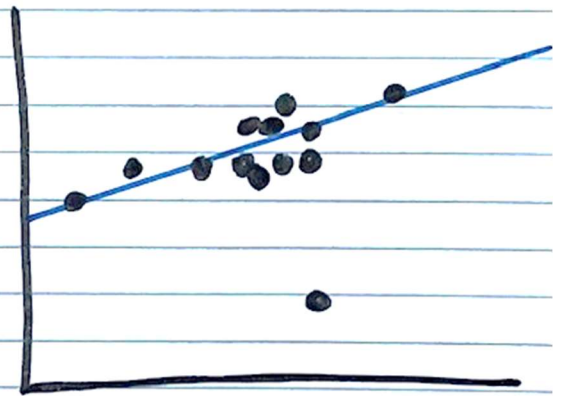
TOPIC 6-2 → Interpreting Scatter Plots

A Trend Line or Line of Best Fit

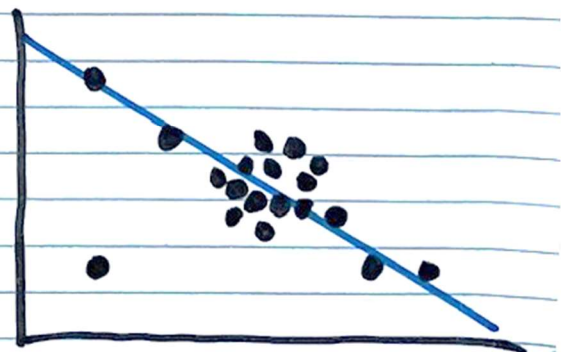
Summarizes the story
(ignore outliers!)



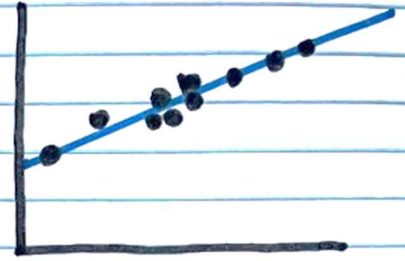
A Positive Association
means a Positive SLOPE
for the trend line



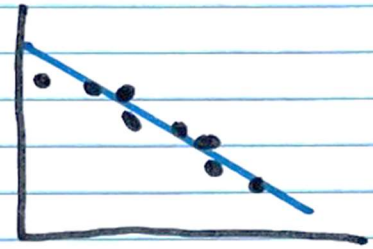
A Negative Association
means a Negative SLOPE
for the trend line



A strong correlation means data close to the trend line.

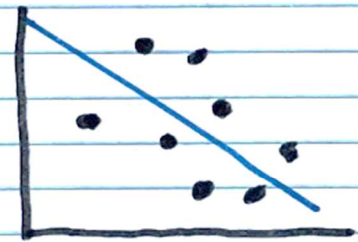


It does not mean a steep slope.

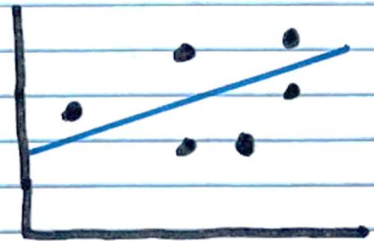


Trend line is highly predictive

A weak correlation means data far from the trend line.



Trend line is not highly predictive



No Association means

NO TREND LINE

For example, There is no relationship between student height and Science test scores

