



Observation and Inference

What is the difference between an observation and an inference?

Awareness Test

How many passes
does the team in
white make?



Observation and Inference

- ◆ Observation - act of noticing and recording events for study using one or more of the five senses
 - ◆ Example: there is one SmartBoard in the classroom

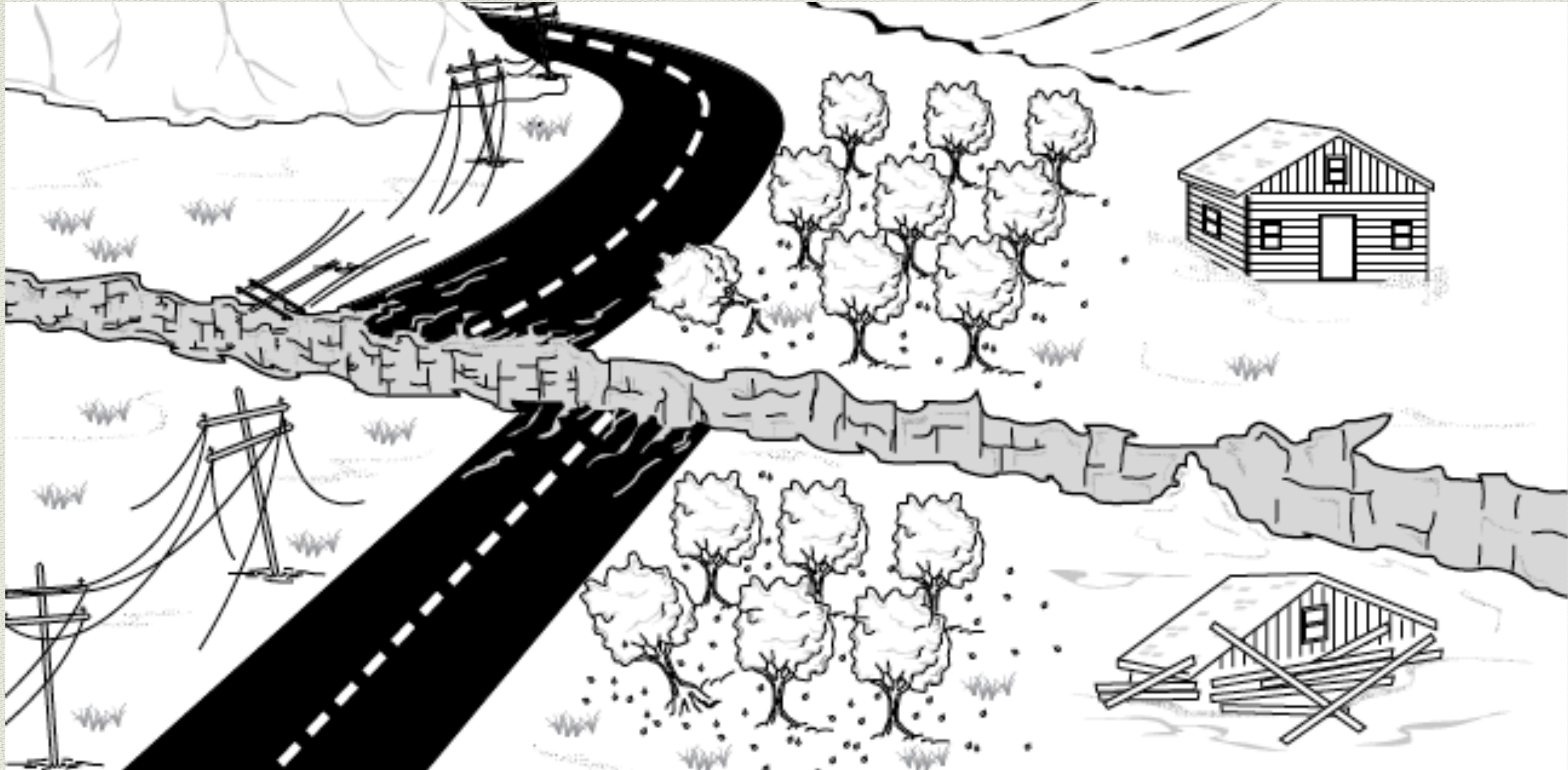
Observation and Inference

- ◆ Quantitative - observations that use numbers
 - ◆ Example: Tampa is 239 mi away
- ◆ Qualitative - observations that are descriptive
 - ◆ Example: the sign is colorful

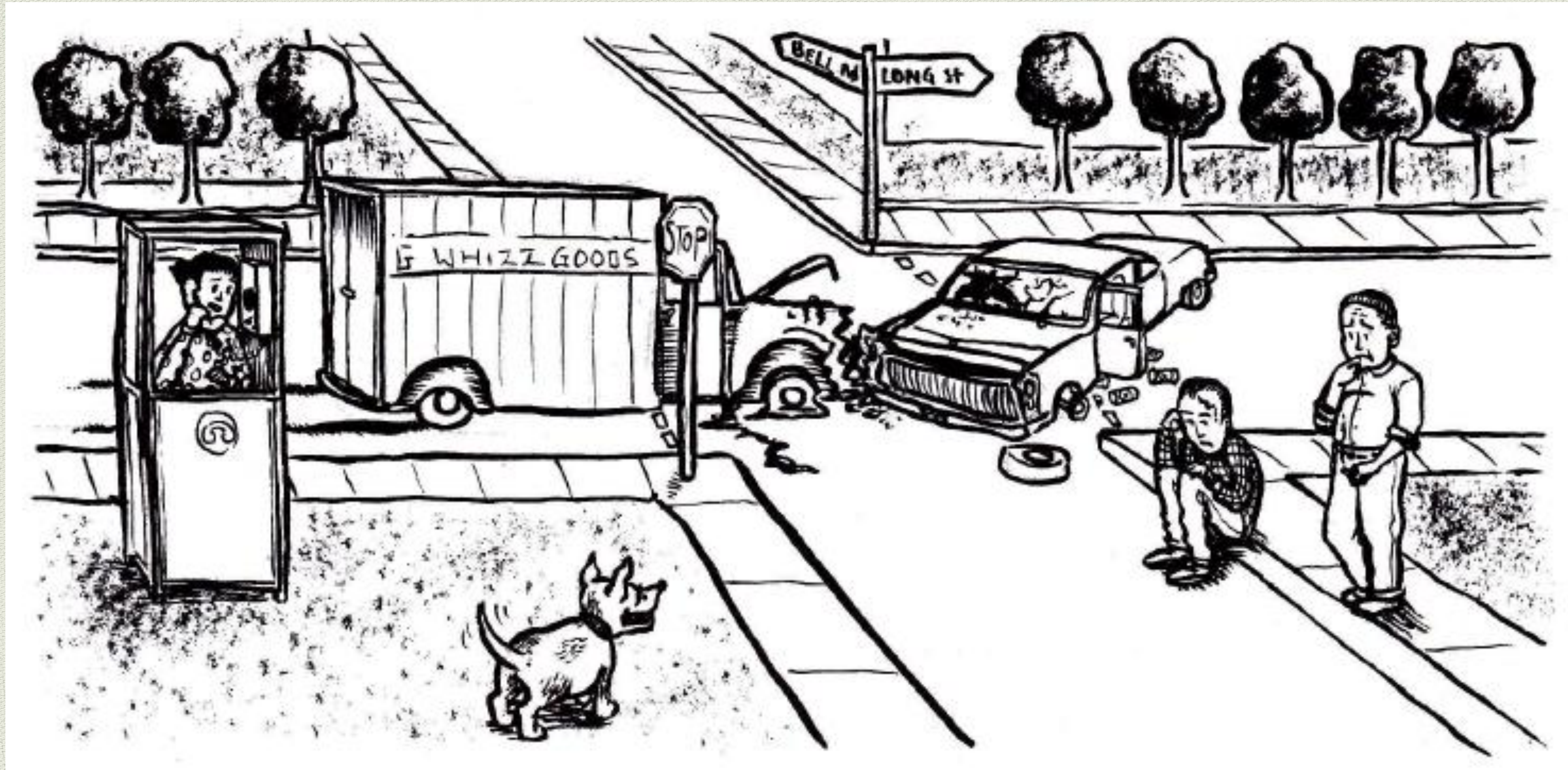


Observation and Inference

- ◆ Inference - interpretation based upon an observation
 - ◆ Example: the individual in the front is the teacher



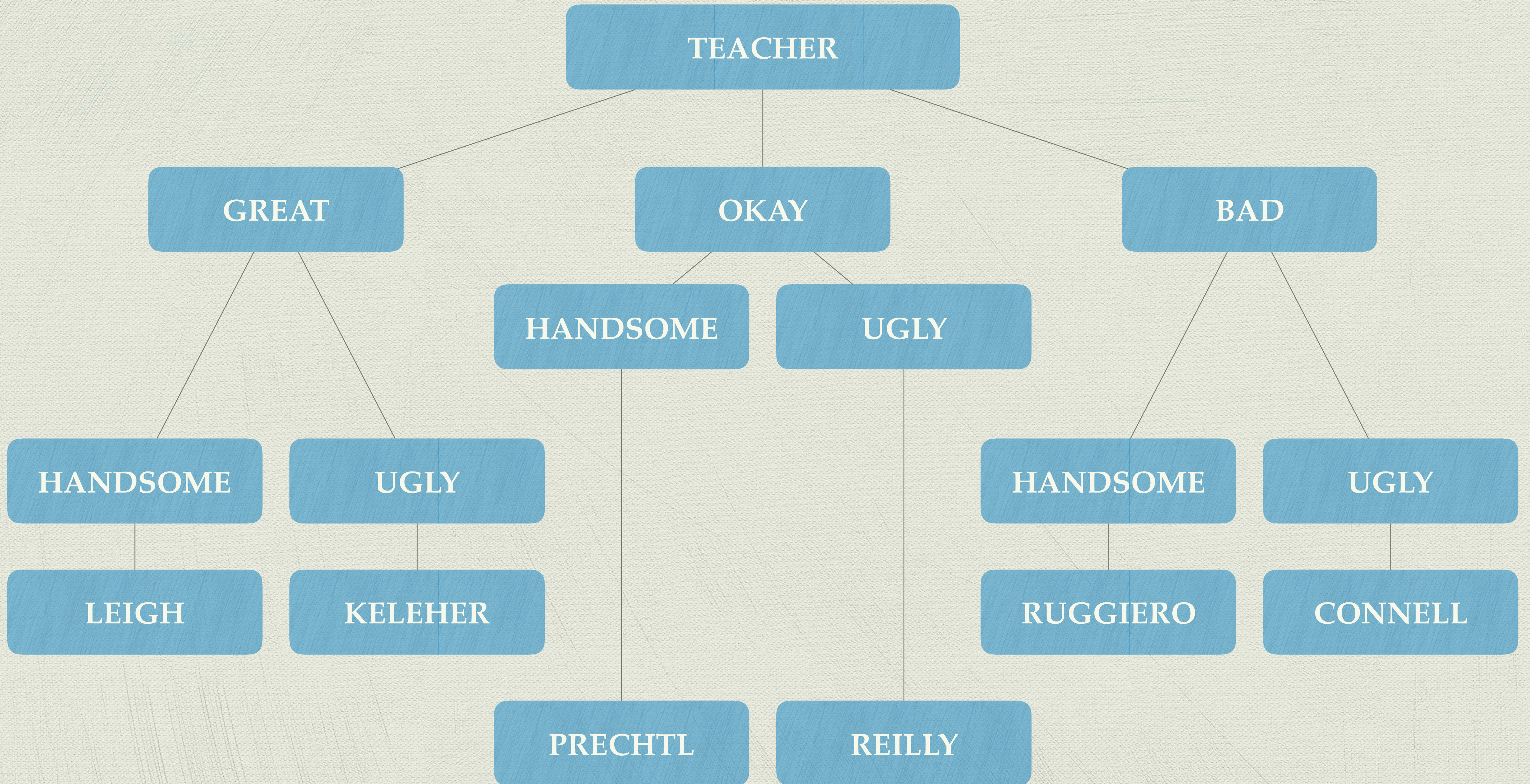
Observation vs. Inference



Observation vs. Inference

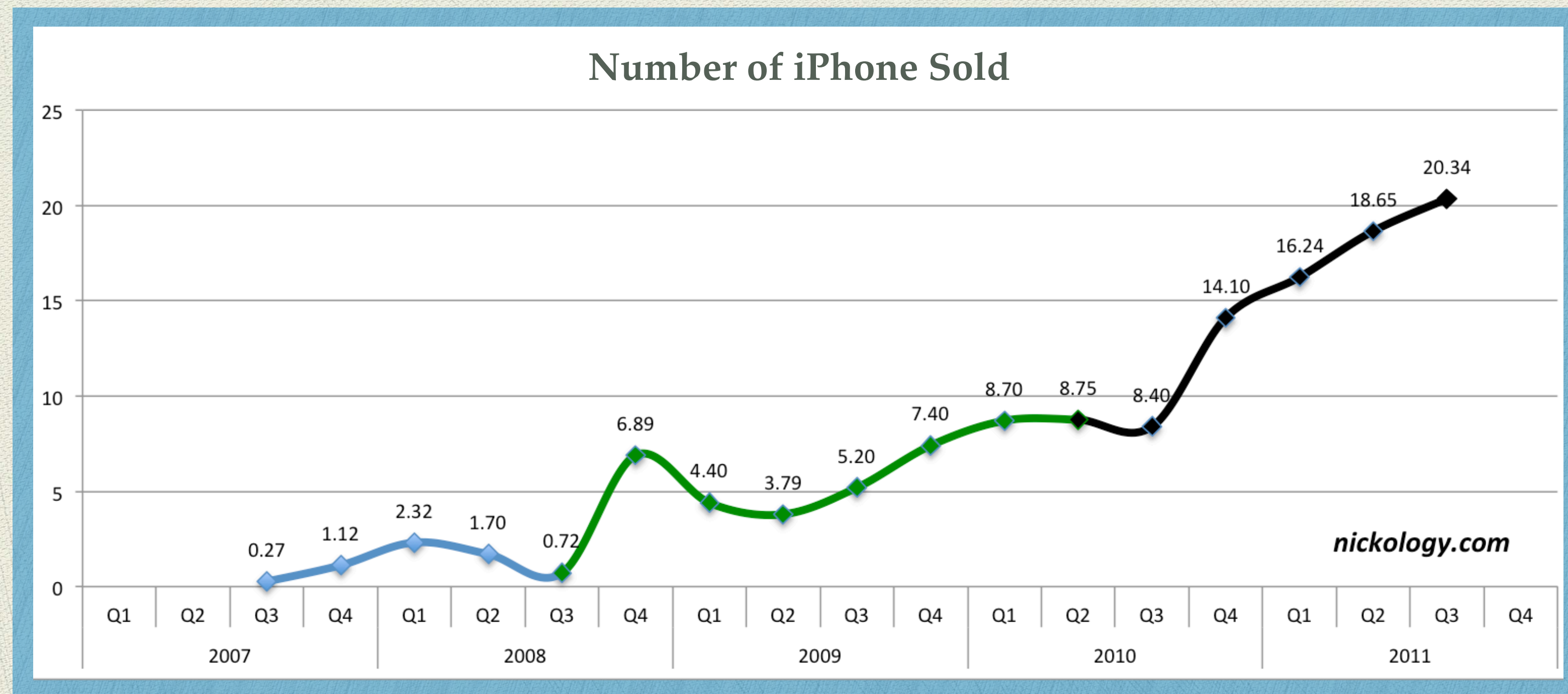
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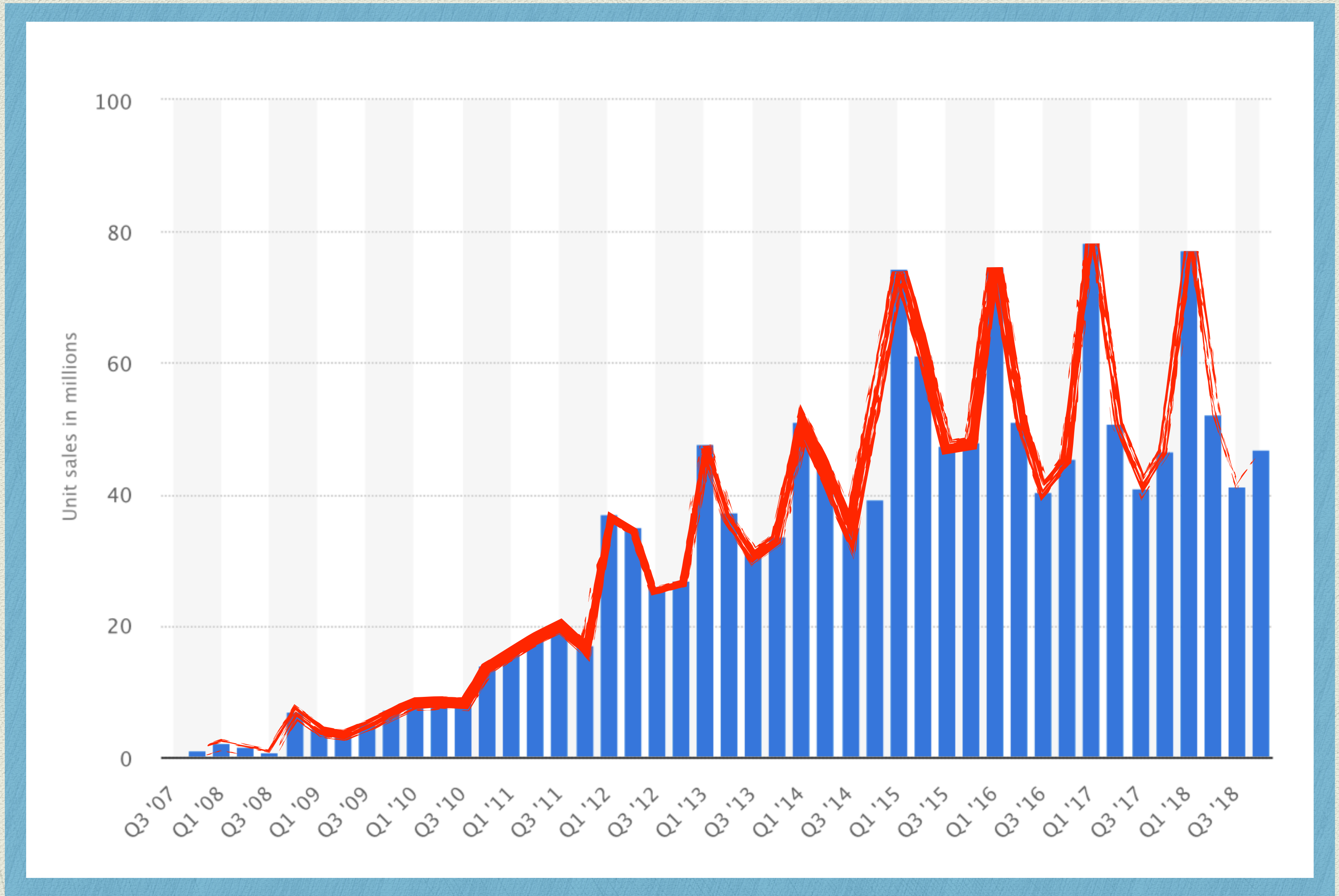
- ◆ Classification - to organize objects, ideas, or information to make it more meaningful or useful
 - ◆ Example: the different types of teachers



Observation and Inference

- ◆ Prediction - the use of knowledge to identify and explain observations, or changes, in advance





Number of iPhone Sold