Datasets:

Examples:

* (Standard Deviation) Grade distribution of a midterm/final exam
* Outliers:
  + Delivery times → one is super high = extreme weather condition
  + Human error
    - Sometimes people make errors when it comes to manual entry, such as an extra 0
  + Exceptional cases
    - Imagine taking readings for mile times of students in a physical education class.
    - One person records 5 minutes, whereas the average lies around 7.5 minutes.
    - You verify this isn’t a human or measurement error
    - Normally, you would remove outliers, but in this case, the 5 minute reading can become a benchmark for what **good** performance is.Removing it would be counterproductive.