Define each of the following words and give an example

Numerical data:

Continuous:

Discrete:

Categorical data:

Ordinal data:

Nominal data:
Numerical data:  
- can be discrete or continuous  
- data in the form of a number  
  \( \text{ex} \) # of stuff, height  

**Continuous:**  
- can have \text{ANY} value in a given range.  
  \( \text{ex} \) heights, speed  

**Discrete:**  
- only has a specific value  
  \( \text{ex} \) rolling dice, album sales,
Categorical data: *Qualitative*
- sorted into distinct groups
  - age groups, interests, gender (sports)

Ordinal data:
- qualitative data that can be ranked
  - social classes, survey ranks

Nominal data:
- can not be ranked
  - colour, gender
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