





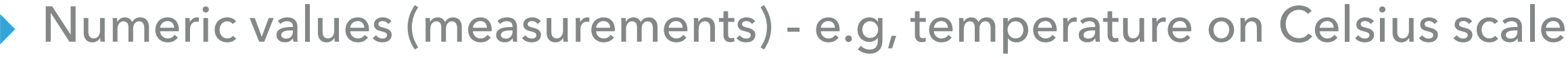


# LEVELS OF MEASUREMENT



# Interval

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Numerical values (measurements) - e.g, temperature on Celsius scale



# Differences between values and preferences

# ▶ Arbitrary "0" measurement





# Ratio

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Numerical-relationships



E.g, population counts, % population with diseases, Air pollution rates

# ▶ Non-arbitrary "0" measurement

# LEVELS OF MEASUREMENT

### ▶ Interval

- ▶ Numeric values (measurements) - e.g, temperature on Celsius scale
- ▶ Difference between values makes sense
- ▶ Arbitrary "0" measurement

### ▶ Ratio

- ▶ Numerical - ratios between values make sense
- ▶ E.g, population counts, % population with diseases, Air pollution rates
  - ▶ Non-arbitrary "0" measurement

# LEVELS OF MEASUREMENT