

COGS 137 Conceptual Topics

WI23 Quarter, Week 3

Sorting a Dataframe

X	
"40"	
"5"	
"300"	



X	
"300"	
"40"	
"5"	

 Υ
 40
 5
 300



 Υ
 5
 40
 300

Question to Consider: Why do we have different outcomes?

Numeric vs. Categorical Variable

Numeric: quantifiable and measurable data.

- <u>Discrete</u>: finite number of possible values within a given interval
- <u>Continuous</u>: infinite number of possible values within a given interval.

<u>Categorical</u>: data can't be quantifiable.

- Nominal: categorizes without natural order.
- Ordinal: categories defined by a natural order.

Numeric: quantifiable and measurable data.

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Number of Chairs at Geisel

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Military Rank

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Weight of a Textbook

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Hurricane Category

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Number of Undergrad Students at UCSD

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Zip Code