

## COMP 333 — Week 4 Recap

### Week 4 Recap

In Week 3 and Week 4 (this lecture) we covered Descriptive Data Analysis which is a basic technique of Data Analytics.

It is very important to understand your data.

In Week 4 we covered various aspects of Data, namely

- ▶ Numerical Data and issues of accuracy, precision, significant digits, and normalization
- ▶ Structured and Unstructured Data, leading to the Big Data tsunami
- ▶ Metadata, Self-Descriptive Data, Data Formats relevant to data analysis
- ▶ `pandas` DataFrames
- ▶ Tidy Data, the basic format for easy manipulation of dataframes in `pandas`

This was to provide a broader picture of data, types of data, and the issues involved in representing data in the computer, manipulating data, and understanding data.