

MIS 0855 – Data Science (Section 006) – Fall 2017

In-Class Exercise (Day 3) – Data is Everywhere!

Objective: Identify data embedded in our environment.

Learning Outcomes:

- Identify data embedded into the environment
- Differentiate between the data source and the data
- Describe the information and knowledge that could be derived from that data

Part 1: Explore (15 minutes)

In groups of three or four, look for sources of data throughout Alter and Speakman Hall. Here are the rules:

- You can go anywhere in the building.
- Make a note of the source data and the data itself (i.e., a clock is the source, the time is the data).
- Make sure you're promptly back in 15 minutes!

Part 2: Prepare (5 minutes)

- After you return to the classroom, think about what kinds of information you can derive from the data you've identified.
- *Remember, data are the raw facts and information is data that is processed and organized with meaning and value. Knowledge is information and data that should be useful for decision making*
- Designate a member of your group to be the spokesperson.

Part 3: Class Discussion (10 minutes)

Tell the rest of the class about what your group found.

- 1) What data did you find? Where did it come from?
- 2) What kind of information and knowledge can you derive from the information throughout Alter and Speakman Hall?

Send your group's note to minspang@temple.edu by 11:00 AM.