

RDA 1 Labs - Spring 2015

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Goal for Lab 1

- ▶ Log on to lab computer.
- ▶ Collect some data.
- ▶ Load Excel.
- ▶ Enter data in Excel.
- ▶ Tabulate data.
- ▶ Graph data.
- ▶ Marvel at what you have done.

- ▶ Open your Facebook Page. (!)
- ▶ View your Friends.
- ▶ Note the following for each friend:
 - ▶ Sex
 - ▶ Number of people in Friend's profile picture
- ▶ If > 100 friends, just do first 100.
- ▶ Be sure to record data for each friend.

- ▶ Put title in first cell.
- ▶ Create table for data:
 - ▶ Column for “Participants”
 - ▶ Column for Sex
 - ▶ Column for # of people in Friend’s profile picture
- ▶ Enter data.

- ▶ Count # with 0, 1, or more for each sex.
- ▶ Create summary data table.
 - ▶ Sex in rows
 - ▶ # People in Columns
- ▶ What's wrong with this summary?

- ▶ Calculate a percentage for each cell in summary table. (Think!)
- ▶ Do this by creating a copy of the summary table, leaving the original table alone.
- ▶ For each cell, divide its entry (in original table) by total number of participants of that sex, then multiply it by 100.
- ▶ Does the new table make more sense?

Graph the Data

- ▶ Excel makes it easy, once you figure it out.