Chapter 1 Handout: Vocab

Below are some of the key terms from Chapter 1. Some terms’ definition needs to be filled in and some definitions need a term! This handout should be a tool; a way to check and/or complete your own notes and to study. This is not a substitute for reading, attending class, and studying on your own.

__________: the observations gathered on the characteristics of interest

Primary Data: _________________________________________________________________

- this data is high quality

- example: ______________________________

Secondary Data: data collected by somebody else, other studies; usually collected over a long period of time

- inexpensive to obtain

Data sources include:

______________________________________________________________________________

______________________________________________________________________________

___________________: Set of methods for collecting/analyzing data; tools and techniques used for describing, organizing, and interpreting information or data

Design: planning/implementing a study

Description:

______________________________________________________________________________

______________________________________________________________________________
**Descriptive Statistics:** summarize the information in a collection of data; numerical summary of the sample data

-Descriptive Statistics___________________________!

**Inference:** Methods for making predictions about a population based on a sample

**Inferential Statistics:** Makes predictions regarding population based on a sample

-Inferential Statistics___________________________!

**Population:** the entities on which a study makes observations are called the sample subjects for the study

**Parameter:** Numerical summary of a population

-We should associate “Parameter” with__________________________

**Sample:** Subset of a population that is observed and measured in a data collection study

**Datafiles:**

- Rows

- Columns