Chapter 1 – Study Guide

variability

descriptive vs inferential statistics

population vs sample

6 steps of data analysis process

univariate, bivariate, multivariate

categorical vs numerical data (qualitative vs quantitative)

discrete numerical vs continuous numerical

frequency distribution table and relative frequency distribution

bar chart – when to use, how to construct, what to look for

dotplot – when to use, how to construct, what to look for

 (distribution of the data – shape, center, spread, outliers)