

AP Statistics Summer Work

Summer Assignment 2023

1. Watch video lessons and practice the skills below on Khan Academy
2. You will have an assessment on the 2nd or 3rd day of class based on the *skills* from Khanacademy.org for a quiz grade.

Khan Academy Assignment:

- PRACTICE THE CONCEPTS as much as you need
- Be familiar with the content for the quiz

[Individuals, variables, and categorical & quantitative data](#)

[Describing distributions](#)

[Read two-way frequency tables](#)

[Comparing distributions](#)

[Create two-way frequency tables](#)

[Calculating the mean](#)

[Reading two-way relative frequency tables](#)

[Calculating the median](#)

[Interpreting two-way tables](#)

[Calculating mean and median from data displays](#)

[Identifying marginal and conditional distributions](#)

[Missing value given the mean](#)

[Marginal distributions](#)

[Effects of shifting, adding, & removing a data point](#)

[Conditional distributions](#)

[Estimating mean and median in data displays](#)

[Creating dot plots](#)

[Interquartile range \(IQR\)](#)

[Reading dot plots & frequency tables](#)

[Sample standard deviation](#)

[Create histograms](#)

[Visually assessing standard deviation](#)

[Read histograms](#)

[Creating box plots](#)

[Reading stem and leaf plots](#)

[Reading box plots](#)

[Shape of distributions](#)

[Interpreting quartiles](#)

[Identifying outliers](#)