**InstructionalDay: 19**

**Topic Description:** In this lesson students use the data they have collected and contextual data sets to do statistical analysis with mean, median, maximum, minimum, and display information with a variety of plots for use in the final project.

**Objectives:**

The students will be able to:

* Analyze the data they have collected using statistical analysis and a variety of plots.

**Outline of the Lesson:**

* Statistical analysis with mean, median, maximum, and minimum with student generated data and contextual data sets (55 minutes)

**Student Activities:**

* Groups do statistical analysis with mean, median, maximum, and minimum using the data they have collected and additional contextual data sets.

**Teaching/Learning Strategies:**

* Students work in their groups to analyze the data they have collected pulling in the additional contextual data sets as appropriate.

**Resources:**

* Student data
* Additional contextual data sets