



## Module 2, Lesson 1: Objections & Attributes, Statistics, Visualization

### Attributions

- Slide 4: Data Understanding
  - Data understanding: <https://pixabay.com/photos/analysis-analyzing-data-analyze-2958826/>
- Slide 8: Central Tendency
  - Central tendency measures: [https://upload.wikimedia.org/wikipedia/commons/d/de/Comparison\\_mean\\_median\\_mode.svg](https://upload.wikimedia.org/wikipedia/commons/d/de/Comparison_mean_median_mode.svg)
  - Positive/negative skew: [https://upload.wikimedia.org/wikipedia/commons/c/cc/Relationship\\_between\\_mean\\_and\\_median\\_under\\_different\\_skewness.png](https://upload.wikimedia.org/wikipedia/commons/c/cc/Relationship_between_mean_and_median_under_different_skewness.png)
- Slide 9: Dispersion
  - Dispersion example: [https://upload.wikimedia.org/wikipedia/commons/thumb/f/f9/Comparison\\_standard\\_deviations.svg/800px-Comparison\\_standard\\_deviations.svg.png](https://upload.wikimedia.org/wikipedia/commons/thumb/f/f9/Comparison_standard_deviations.svg/800px-Comparison_standard_deviations.svg.png)
- Slide 11: Boxplot
  - Boxplot example: [https://commons.wikimedia.org/wiki/File:Boxplot\\_of\\_Average\\_Article\\_Feedback\\_ratings\\_by\\_project\\_rated\\_quality.svg](https://commons.wikimedia.org/wiki/File:Boxplot_of_Average_Article_Feedback_ratings_by_project_rated_quality.svg)
- Slide 12: Histogram
  - Histogram example: [https://commons.wikimedia.org/wiki/File:Histogram\\_of\\_arrivals\\_per\\_minute.svg](https://commons.wikimedia.org/wiki/File:Histogram_of_arrivals_per_minute.svg)
- Slide 14: Quantile-Quantile (Q-Q) Plot
  - Q-Q plot example: [https://upload.wikimedia.org/wikipedia/commons/thumb/2/2e/Ohio\\_temps\\_qq.svg/600px-Ohio\\_temps\\_qq.svg.png](https://upload.wikimedia.org/wikipedia/commons/thumb/2/2e/Ohio_temps_qq.svg/600px-Ohio_temps_qq.svg.png)
- Slide 15: Scatter Plot
  - Scatter plot 1: [https://commons.wikimedia.org/wiki/File:Scatter\\_diagram\\_for\\_quality\\_characteristic\\_XXX.svg](https://commons.wikimedia.org/wiki/File:Scatter_diagram_for_quality_characteristic_XXX.svg)
  - Scatter plot 2: [https://commons.wikimedia.org/wiki/File:Example\\_of\\_Scatter\\_Plot.jpg](https://commons.wikimedia.org/wiki/File:Example_of_Scatter_Plot.jpg)
- Slide 16: Scatter Plot
  - Scatter plot array example: [https://upload.wikimedia.org/wikipedia/commons/thumb/5/56/Iris\\_dataset\\_scatterplot.svg/1200px-Iris\\_dataset\\_scatterplot.svg.png](https://upload.wikimedia.org/wikipedia/commons/thumb/5/56/Iris_dataset_scatterplot.svg/1200px-Iris_dataset_scatterplot.svg.png)

- Slide 17: Data Visualization
  - Data visualization example 1: <https://pixy.org/2927080/>
  - Data visualization example 2: <https://pixy.org/1599608/>