Data Visualization / Exploratory Data Analysis

7 Tools of Quality

1. [Cause-and-effect](https://en.wikipedia.org/wiki/Ishikawa_diagram) diagram
2. [Check sheet](https://en.wikipedia.org/wiki/Check_sheet)
3. [Control chart](https://en.wikipedia.org/wiki/Control_chart)
4. [Histogram](https://en.wikipedia.org/wiki/Histogram)
5. [Pareto chart](https://en.wikipedia.org/wiki/Pareto_chart)
6. [Scatter diagram](https://en.wikipedia.org/wiki/Scatter_plot)
7. [Stratification](https://en.wikipedia.org/wiki/Stratified_sampling) ([flow chart](https://en.wikipedia.org/wiki/Flow_chart) or [run chart](https://en.wikipedia.org/wiki/Run_chart))

Dataset: <https://support.minitab.com/en-us/datasets>

**Submission**

A landscape poster (20”x30”) depicting

1. 10 major graphs (e.g. Bubble Plot, Box Plot, Pie chart, Six pack, Time Series, ANOVA, Regression) produced from **Minitab**
2. One box of the poster dedicated to Data Modeling
3. What are your Learning Outcomes
4. Summary about the graphs & the datasets