

WHAT:

Run Chart or Line Graph

WHY:

- Measure a process over time
- Show whether or not the long-term average is changing
- Identify meaningful trends in the data as well as shifts or disruptions in the averages
- Compare performance measures before and after implementation of a solution
- Measure the impact of implementation and track useful information for predicting trends

HOW:

1. Decide on the process performance measures.
2. Gather data.
3. Create a graph with a vertical line and a horizontal line.
4. Plot the data.
5. Interpret the chart.
6. Discuss the position of the line. Is it where it should be relative to stakeholder requirements? Is it where you want it to be relative to the class goal?