

Statistical Process Control

? What is It

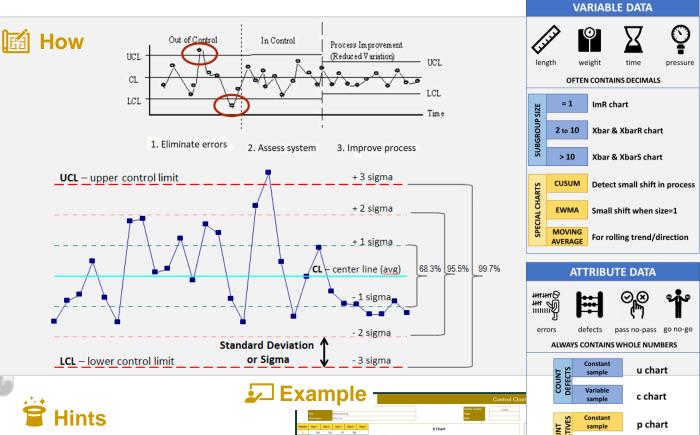
SPC refers to a scientific, data-driven method for quality analysis and improvement that allows us to monitor the manufacturing process, thus providing us with data to prevent problems from occurring.

When

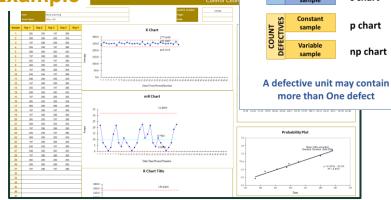
- To drive continuous improvement.
- To predict process performance.
- Used in the Analyze and Control phase of the DMAIC.

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- Find and correct **problems** as they occur.
- **Predict** outcomes if the process is in control.
- Make inferences for continuous improvement initiatives.



- Perfect tool to avoid opinions and "gut-feeling" solutions.
- Focus first on having the process "in control". Reduce special cause variation.
- Let a software choose the right control chart: Variables Attributes.



np chart