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The Chemical Manufacturing Case Study

In this scenario, you're on a team that is improving the yield of a chemical manufacturing process.

The yield must be greater than 80% in order to meet commercialization goals.

Poor yields require your company to produce higher volumes and maintain higher inventories in order to prevent customer stock-outs.

You develop a cause and effect diagram, and compile baseline data for Yield. You also collect data on potential causes of poor yield.

In the upcoming practices and videos, you use these data to characterize Yield and understand factors and conditions that might be related to poor yield.

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