

Practical Application

- **Identify a prior project or initiative you worked in your organization.**
 - Try building a C&E Diagram for that project or initiative by answering the following:
 - What was used as the critical metric (project Y)?
 - How would you define a defect?
 - *This would be the ultimate “effect” used in the C&E Diagram.*
 - Review each source of variation listed below and notate any related causes leading to the effect.
 - *Manpower*
 - *Machine*
 - *Method*
 - *Measurement*
 - *Materials*
 - *Mother Nature*
 - Notate any additional sub-causes that also eventually lead to the ultimate effect.
 - Try building the C&E Diagram in an online tool like Minitab, Visio, PowerPoint, etc.