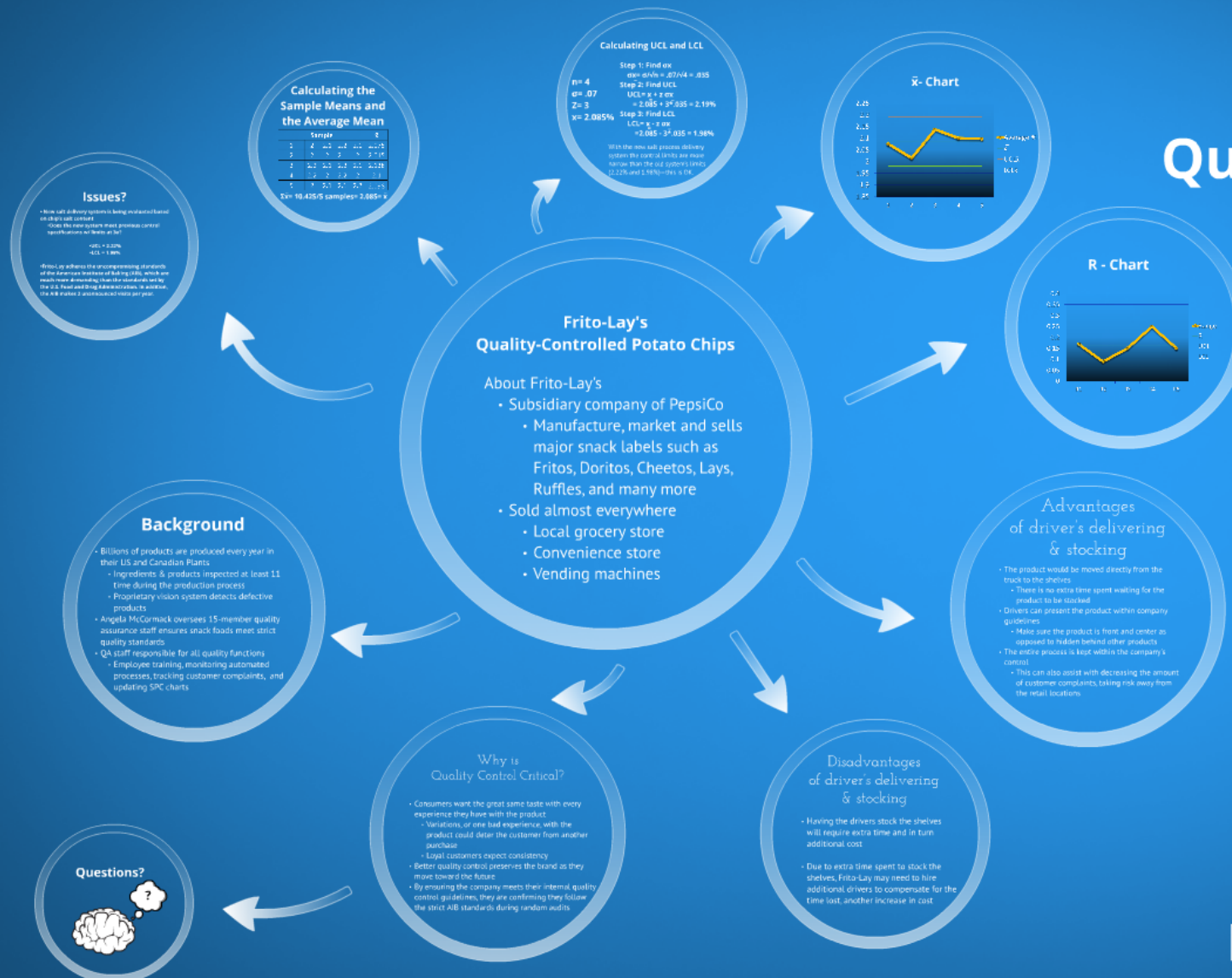


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Frito-Lay's Quality-Controlled Potato Chips



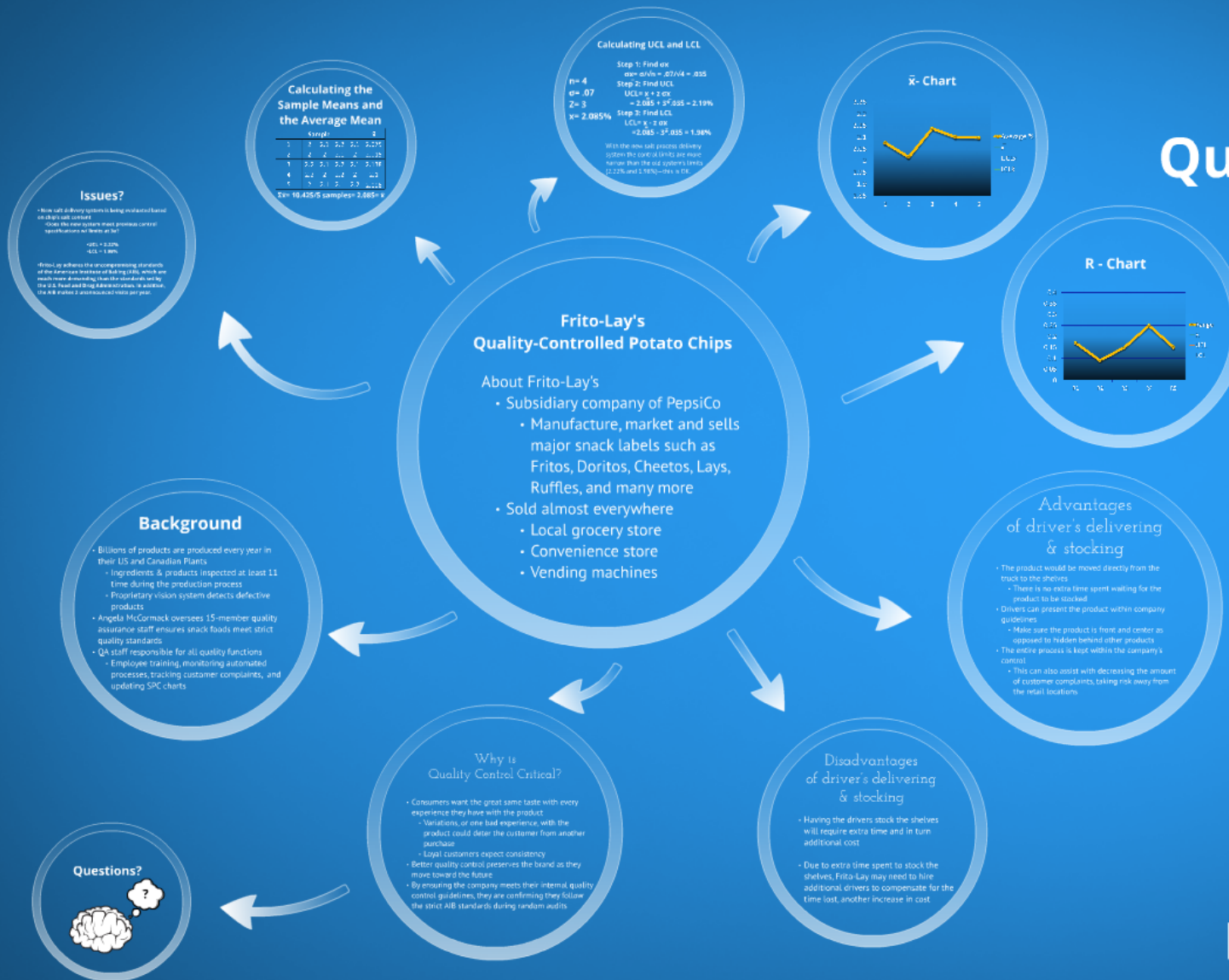
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Frito-Lay's Quality-Controlled Potato Chips

About Frito-Lay's

- Subsidiary company of PepsiCo
 - Manufacture, market and sells major snack labels such as Fritos, Doritos, Cheetos, Lays, Ruffles, and many more
- Sold almost everywhere
 - Local grocery store
 - Convenience store
 - Vending machines

Background

- Billions of products are produced every year in their US and Canadian Plants
 - Ingredients & products inspected at least 11 time during the production process
 - Proprietary vision system detects defective products
- Angela McCormack oversees 15-member quality assurance staff ensures snack foods meet strict quality standards
- QA staff responsible for all quality functions
 - Employee training, monitoring automated processes, tracking customer complaints, and updating SPC charts



Issues?

- New salt delivery system is being evaluated based on chip's salt content

- Does the new system meet previous control specifications w/ limits at 3σ ?

- UCL = 2.22%

- LCL = 1.98%

- Frito-Lay adheres the uncompromising standards of the American Institute of Baking (AIB), which are much more demanding than the standards set by the U.S. Food and Drug Administration. In addition, the AIB makes 2 unannounced visits per year.

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