**Task 1: Exploratory Data Analysis**

Background information of Task

Gala Groceries is a technology-led grocery store chain based in the USA. They rely heavily on new technologies, such as IoT to give them a competitive edge over other grocery stores.

They pride themselves on providing the best quality, fresh produce from locally sourced suppliers. However, this comes with many challenges to consistently deliver on this objective year-round.

Gala Groceries approached Cognizant to help them with a supply chain issue. Groceries are highly perishable items. If you overstock, you are wasting money on excessive storage and waste, but if you under stock, then you risk losing customers. They want to know how to better stock the items that they sell.

This is a high-level business problem and will require you to dive into the data in order to formulate some questions and recommendations to the client about what else we need in order to answer that question.

Once you’re done with your analysis, we need you to summarize your findings and provide some suggestions as to what else we need in order to fulfil their business problem. Please draft an email containing this information to the Data Science team leader to review before we send it to the client.