Dear Team leader,

I was tasked with an initial exploratory data analysis on sample sales data from Gala Groceries store.

The purpose was to help them with a supply chain problem, and to help then decide how to restock their products better.

I observed that

* there are more sales of products with a low unit\_price compared to products with a high unit\_price.
* There are 22 categories, with fruit and vegetables being the 2 most frequently purchased product categories and spices and herbs being the least.

My conclusion:

* We need more rows of data. The current sample is only from 1 store and 1 week worth of data.
* We need to frame the specific problem statement that we want to solve. The current business problem is too broad, we should narrow down the focus in order to deliver a valuable end product.
* We need more features. Based on the problem statement that we move forward with, we need more columns (features) that may help us to understand the outcome that we're solving for.

Best regards,

Rahma