Commodity Price Analytics

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**Project Description:** A dynamic search tool to analyze targeted commodities and product prices in Mexico

**Research Questions to Answer:**

1. ¿Price disparity between [Var 1] vs. [Var 2] different locations?
2. ¿Price disparity between [Var 1] vs. [Var 2] store formats?
3. ¿Price disparity between [Var 1] vs. [Var 2] store brand?
4. ¿Highest price of selected products by location?
5. ¿Lowest price of selected products by location?
6. Maps – nice to have

**Data Sets to be Used:** Datos Abiertos México (datos.gov.mx)

**Rough Breakdown of Tasks:**

1. Download all the information from the API
2. Sort the data and clean it into data frames
3. Select our desired variables
4. Analyze the information looking for trends and answers to the main questions
5. Plot the data
6. Write the conclusions
7. Make presentation