Apocalypse Food Prep – key Insights &Findings

1. **Purpose of the Dashboard**

The goal of this analysis is to track and optimise food pricing strategies across multiple stores in a post- apocalyptic scenario. By analysing price trends , product variations and store performances, we aim to identify cost-effective purchasing strategies and ensure efficient resource allocation.

2. **Key performance indicators(Kip's) tracked**
- **Average price trend**- understanding products affordability
- **Total store value**- Assessing store inventory worth
- **Price variability –** identifying fluctuations in pricing
- **Top- selling products –** determining high demand items
3. **Summary of visualisation & insights**
    1) **Store price comparison (bar charts)**
- **Insights:** costco consistently offers the lowest average price for rice while Walmart has slightly higher pricing for the same product
    2) **Product analysis (clustered column charts)**
- **Insights:** canned goods and dehydrated meals show the most price variation
    3) **Store value comparison (bar charts)**
- **Insight:** Costco holds the highest total inventory value , suggesting strong supply chains
    4) **Top product price trend (line charts**
- **Insights :** dried fruits and protein bars have seen to have a steady price increase

4. **Recommendations**
- Focus on stores with **consistent low pricing**
- Identify **stable- priced essential food** for long term storage
- Use **historical price trends** to time bulk purchases efficiently