

# Final project design v1



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# Storyboard 1



## Storyboard - Parallel Plot

Brand : Darigold

Fats : 3%

Carbohydrates : 15%

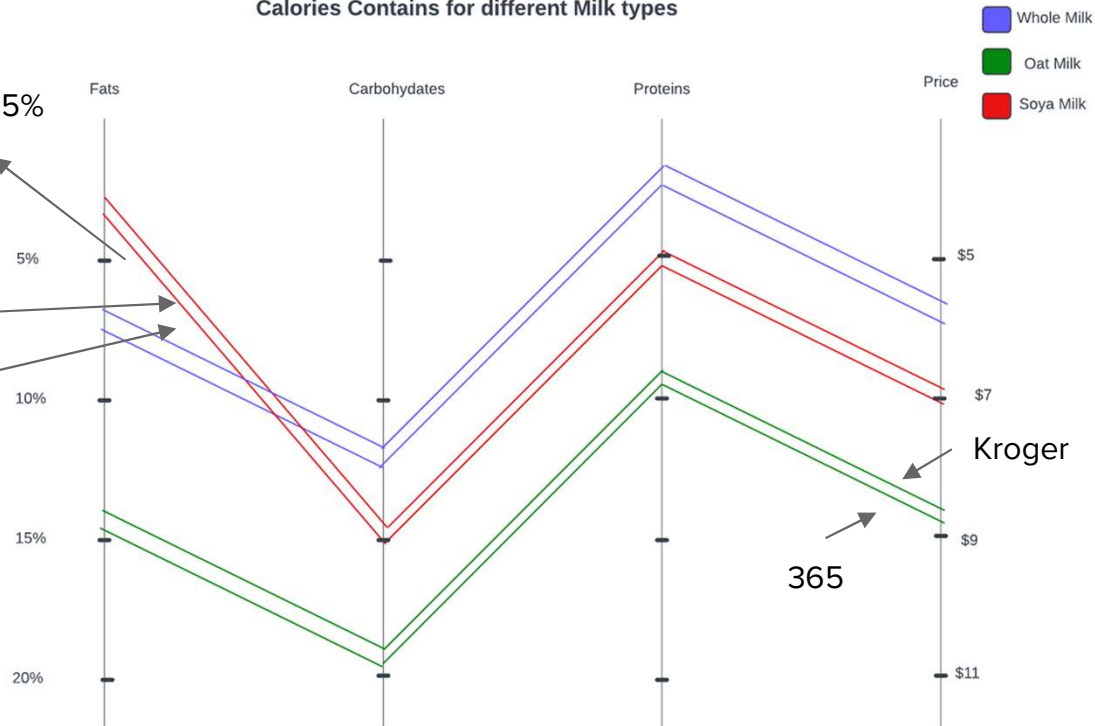
Proteins : 5%

Price : \$7

When we hover over a specific line a tooltip will show the nutrients contents

Brand of Whole Milk:  
**Darigold**

Calories Contains for different Milk types



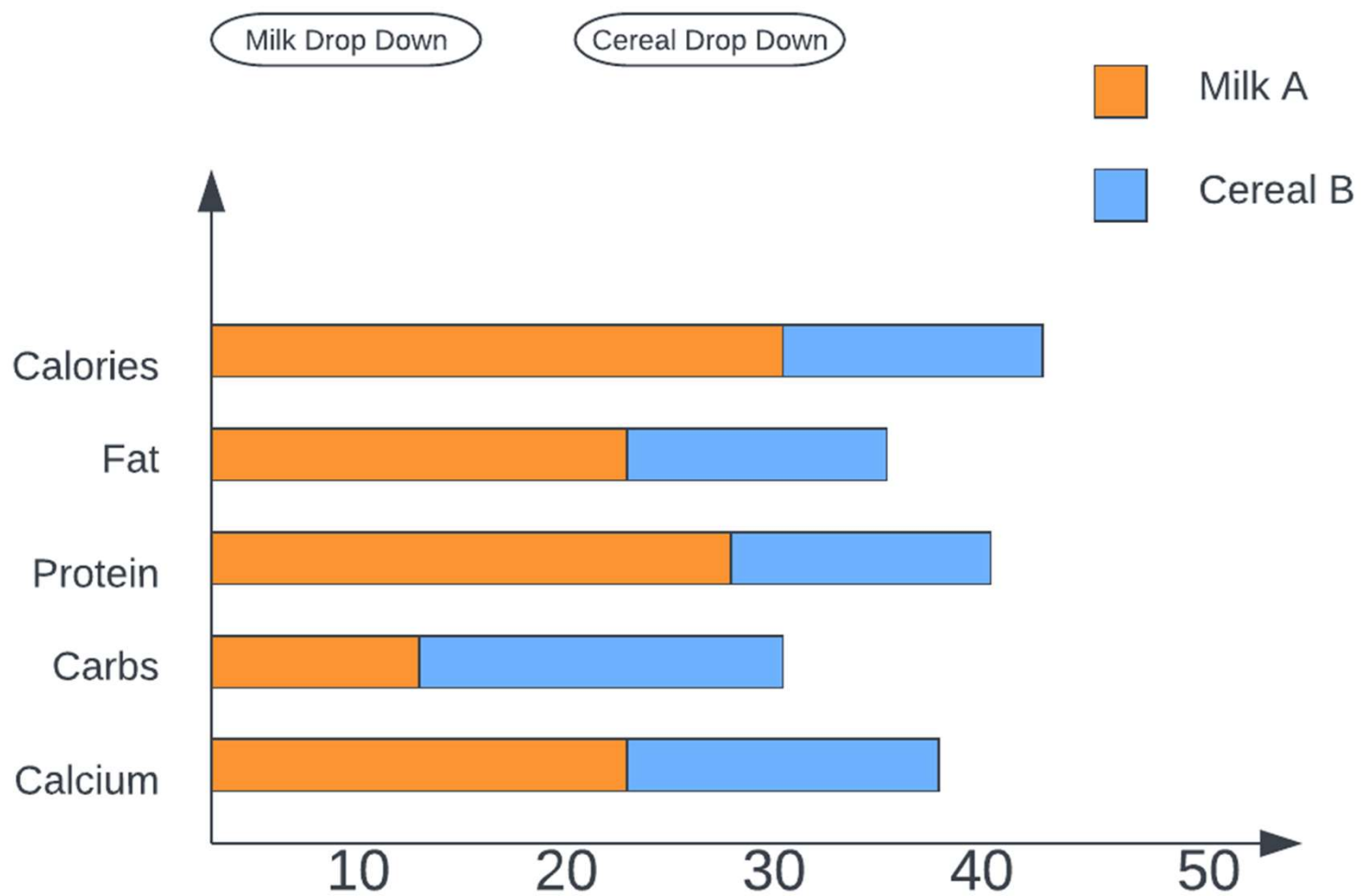
Note : The axis of fats, carbohydrates and proteins have same scale as fats

When we click on the a legend we will see that specific category of milk showing interaction

Explanation on the next page

# Storyboard - Parallel Plot

- The interactive parallel plot graph presents different categories of milk using distinct colors. Each color represents a specific category, such as whole milk, oat milk and soya milk.
- Within each category, lines depict various brands of whole milk, such as "365" from Whole Foods and "Kroger" from QFC
- The graph showcases nutrient content (fats, carbohydrates, proteins) as percentages and price in dollars on the axis.
- Hovering over a line triggers a tooltip that displays detailed nutrient and price information for the corresponding brand. This interactive feature enables users to explore specific data points and make comparisons between brands within the same category.
- The parallel plot graph facilitates a comprehensive analysis of nutrient percentages and prices across different milk categories, aiding in identifying healthier milk options. Furthermore, it allows for a detailed comparison of nutrient content and prices among various brands.
- We are performing 'Comparative Analysis' between different types of milk categories as well comparison between brands which are in the same milk category



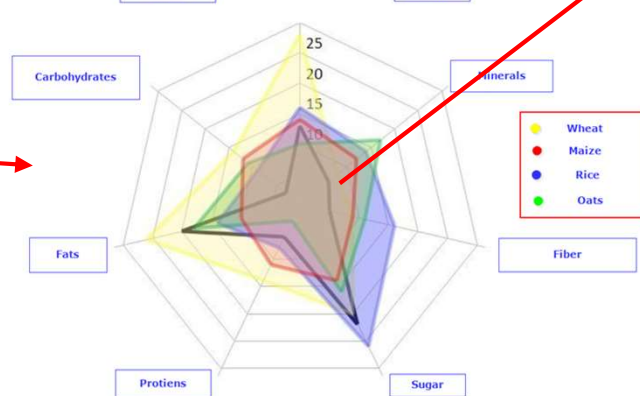
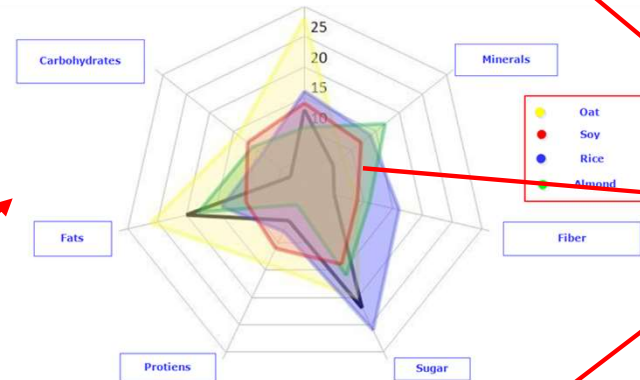
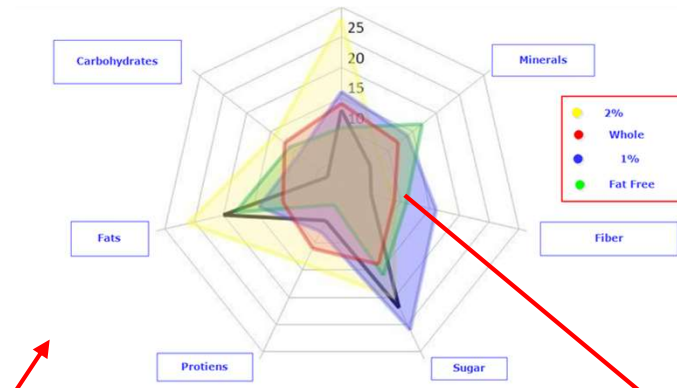
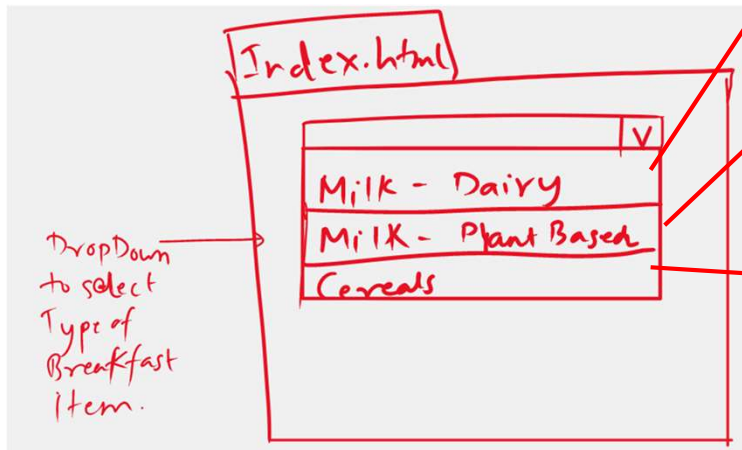
# Storyboard 2



## Dataset

<p>→ Milk</p> <p>- 3 Brands each</p> <p>→ 2%</p> <p>→ 0%</p> <p>→ Skim</p> <p>→ Whole</p>	<p>Plant</p> <p>→ Oat - 3 Brands</p> <p>→ Almond - 3 Brands</p> <p>→ Rice - 3 Brands</p> <p>→ Soy - 3 Brands</p>	<p>Cereals</p> <p>Wheat - 3 Brands</p> <p>Maize - 3 Brands</p> <p>Rice - 3 Brands</p> <p>Oats - 3 Brands</p>
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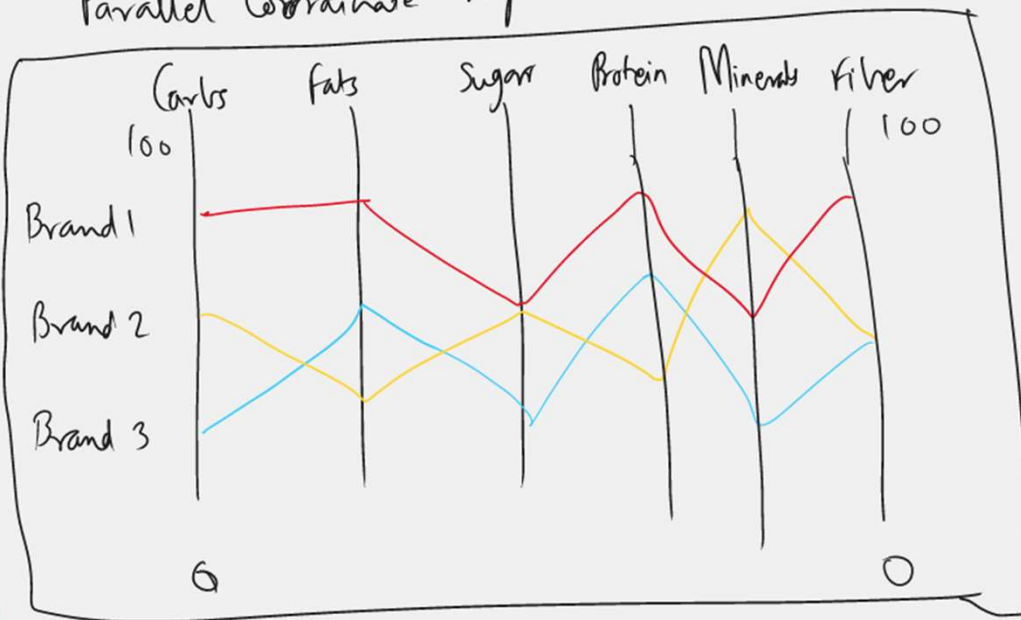
## Home Page



If any polygon is selected Product Comparison Page will appear

Product Comparison.html

### Parallel Coordinate Graph



Parallel Coordinate will appear for each type

Word Cloud of Ingredients and Size of will depend on Nutrition provided By that Ingredient %

Brand 1

Word Cloud of Ingredients and Size of will depend on Nutrition provided By that Ingredient %

Brand 2

Word Cloud of Ingredients and Size of will depend on Nutrition provided By that Ingredient %

Brand 3