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Course: Data Analytics with Tableau

Assignment: Assignment 1

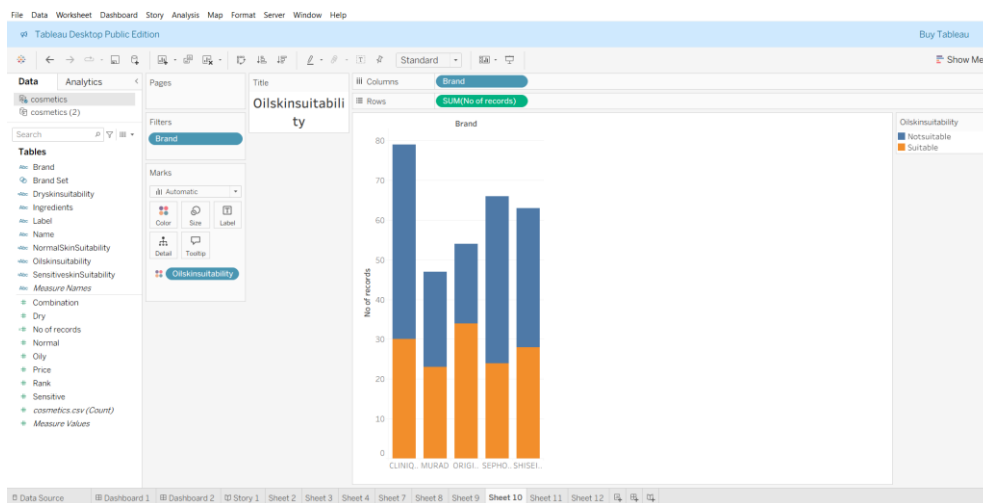 **Team Id:-** LTVIP2025TMID52150

 Team size:- 4

Assignment 2: Data Analytics with Tableau

Skin Suitability Visualization:

This visualization explores the suitability of cosmetic products for different skin types (Oil, Dry, and Sensitive) using multiple chart types in Tableau. It provides insights into which brands and products are most suitable or unsuitable for specific skin condition
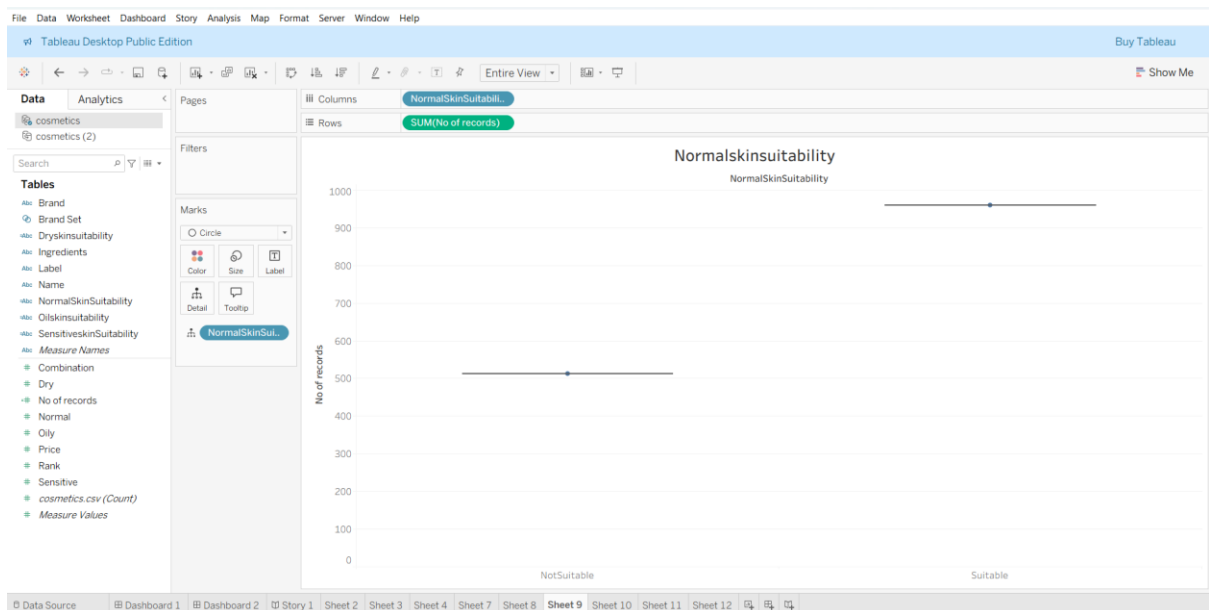
> 1. **Stacked Bar Chart: Oily skin suitability**

Description:

This stacked bar chart in Tableau shows the oil skin suitability of different cosmetic brands. Each bar is divided into "Suitable" and "Not suitable" categories, representing the number of records for each brand.
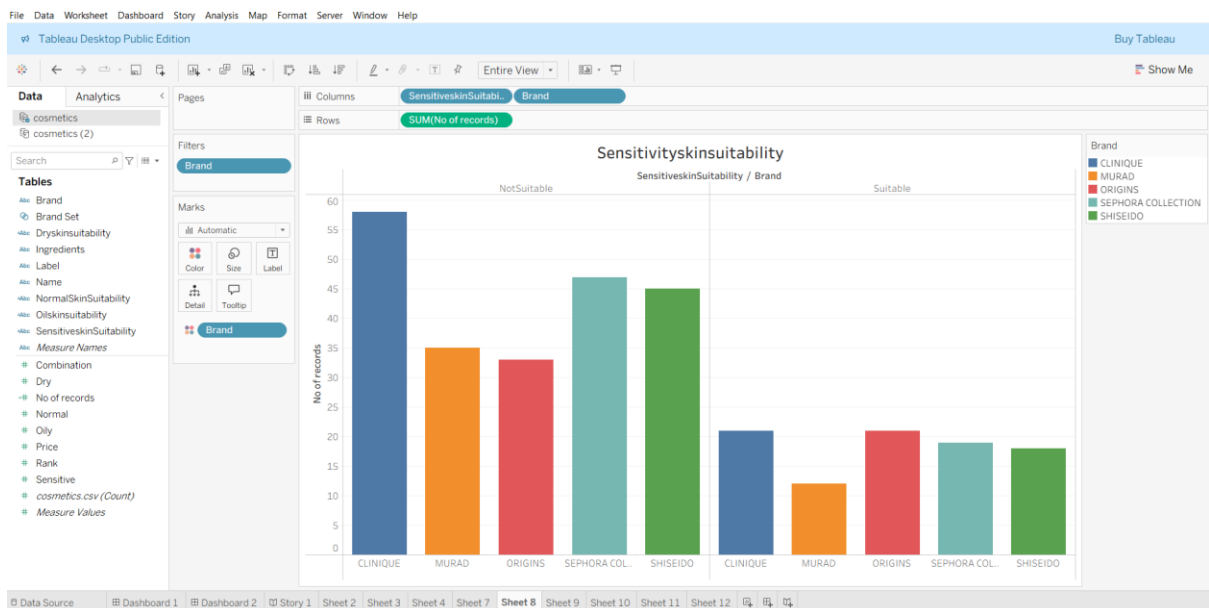
2.Line Chart: Normal skin Suitability

Description:

This Tableau dot plot visualizes the suitability of cosmetic products for normal skin. It compares the number of records marked as "Suitable" versus "Not suitable," showing a higher count of products suitable for normal skin.
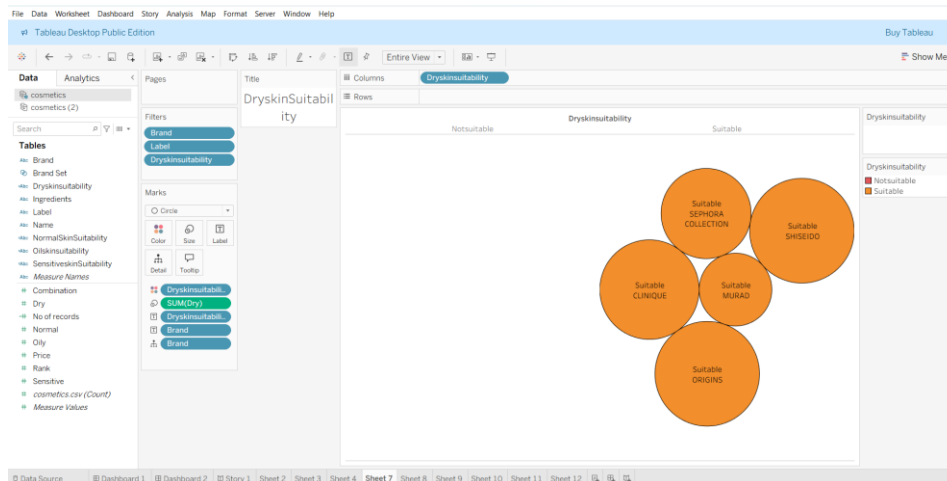
3.Bar Chart: Sensitivity skin suitability

Description:

This Tableau grouped bar chart visualizes the sensitivity skin suitability of various cosmetic brands. Each brand has two bars indicating the number of products labeled as "Not Suitable" and "Suitable" for sensitive skin.

4.Bubble Chart: Dry Skin Suitability

Description :

This Tableau bubble chart displays the suitability of cosmetic brands for dry skin. Each bubble represents a brand marked as "Suitable" or "Not suitable," with the bubble size indicating the number of suitable records.