

Project Development Phase

Model Performance Test

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	Cosmetics dataset from Kaggle (Brand, Category, Rating, Price, Skin Type, Ingredients, etc.
1.	Data Preprocessing	-Removed nulls and duplicates - Converted rating and price to numerical types - Categorized skin types and ingredients for filtering
3.	Utilization of Filters	- Filters used: Brand, Rating Range, Price Range, Category, Skin Type
4.	Calculation fields Used	- Average Rating per Brand - Price Band Segmentation - Review Score Normalization
5.	Dashboard design	No of Visualizations / Graphs -6 1. Brand-wise Ratings 2. Price Distribution 3. Category Popularity 4. Skin Type Preferences 5. Ingredient Word Cloud 6. Filter Panel
6	Story Design	No of Visualizations / Graphs -4 1. Overview of Market Trends 2. Deep Dive into Top Brands 3. Consumer Preferences 4. Final Insights and Recommendations

