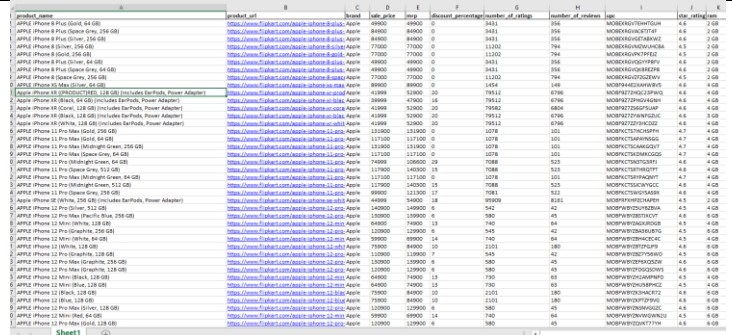
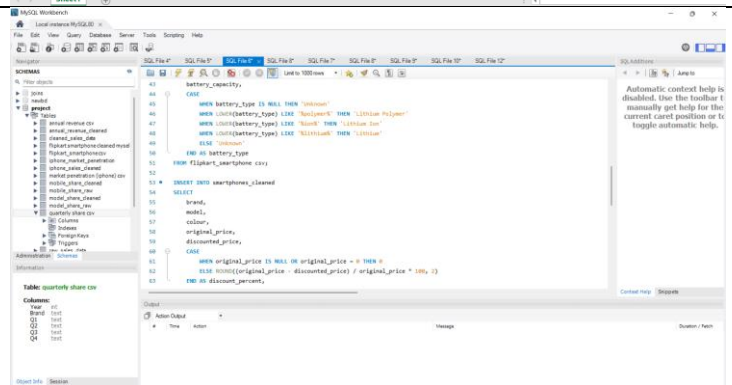
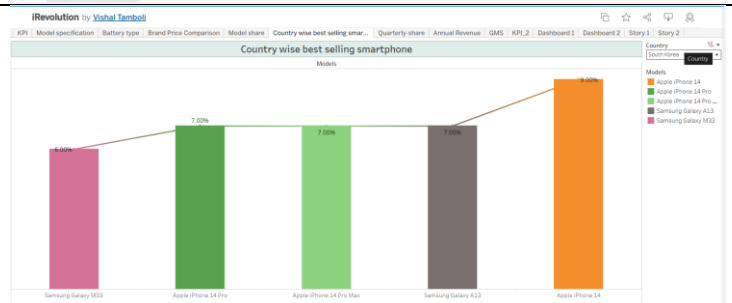


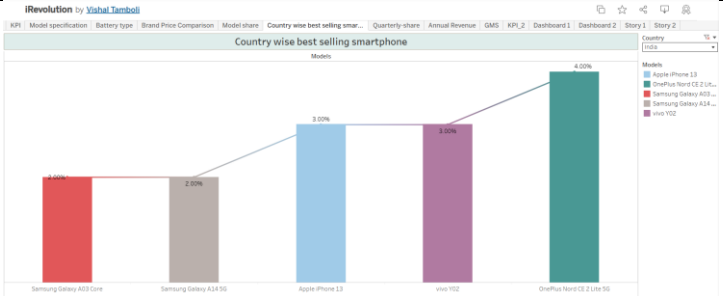
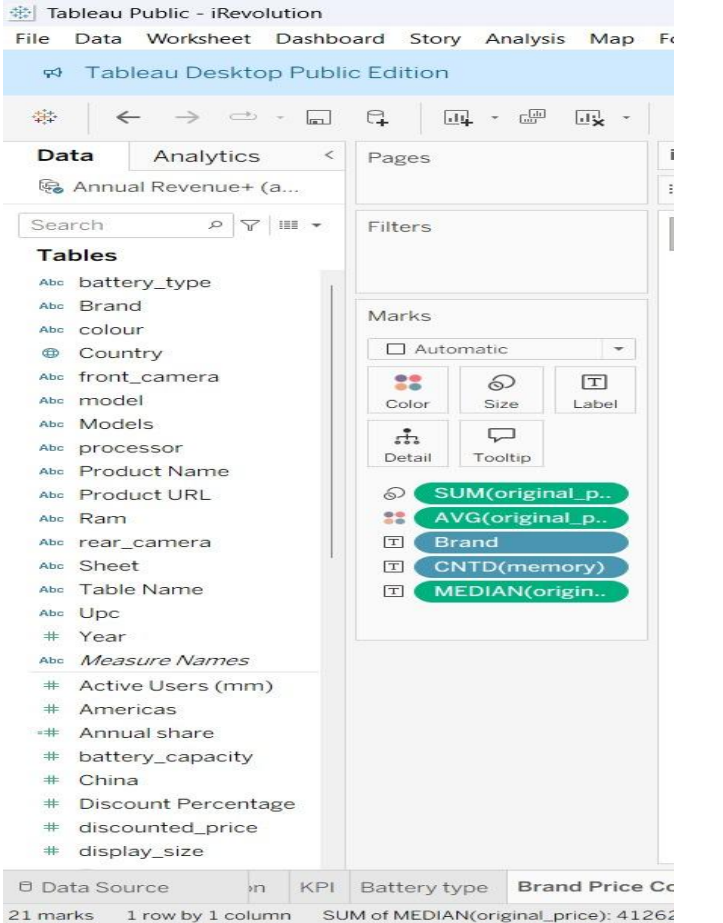
## Project Development Phase Model Performance Test

Date	10 February 2025
Team ID	PNT2025TMID09535
Project Name	iRevolution : A data driven exploration of Apple's iPhone impact in India
Maximum Marks	

### Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	 <p>The screenshot displays a data table with columns: product_name, product_id, brand, sale_price, avg_discount_percentage, number_of_ratings, number_of_reviews, and low_rating_flag. The table lists various iPhone models including iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14, iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11, iPhone SE (2nd Gen), iPhone SE, iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, and iPhone 6. Each row provides details such as the product name, ID, brand (Apple), sale price, average discount percentage, number of ratings and reviews, and a flag for low ratings.</p>
2.	Data Preprocessing	 <p>The screenshot shows a SQL query editor with a query for data preprocessing. The query is as follows:</p> <pre>SELECT battery_capacity, CASE WHEN battery_type IS NULL THEN 'unknown' WHEN (SELECT battery_type FROM 'battery_type' WHERE 'battery_type' = 'Li-Ion') THEN 'Li-Ion' WHEN (SELECT battery_type FROM 'battery_type' WHERE 'battery_type' = 'Li-Ion') THEN 'Li-Ion' ELSE 'unknown' END AS battery_type, CASE WHEN (SELECT user_phone FROM 'user_phone' WHERE 'user_phone' = 'iPhone') THEN 'iPhone' WHEN (SELECT user_phone FROM 'user_phone' WHERE 'user_phone' = 'iPhone') THEN 'iPhone' ELSE 'unknown' END AS user_phone, brand, model, color, original_price, discounted_price, CASE WHEN original_price IS NULL OR original_price = 0 THEN 0 ELSE ((original_price - discounted_price) / original_price * 100) &lt; 1 END AS discount_percentage FROM 'battery_type' AS battery_type, 'user_phone' AS user_phone, 'brand' AS brand, 'model' AS model, 'color' AS color, 'original_price' AS original_price, 'discounted_price' AS discounted_price, 'user_phone' AS user_phone</pre>
3.	Utilization of Filters	 <p>The screenshot shows a dashboard titled "iRevolution by Visual Timbali" with a bar chart titled "Country wise best selling smartphone". The chart displays quarterly revenue for various iPhone models. The x-axis represents the quarter (Q1, Q2, Q3, Q4) and the y-axis represents the revenue. The chart shows that the iPhone 14 Pro Max is the best-selling model, followed by the iPhone 14 Pro, iPhone 14, iPhone 13 Pro Max, and iPhone 13 Pro. The revenue for each model is shown in a bar chart, with the iPhone 14 Pro Max having the highest revenue at 7.00%.</p>

		
4.	Calculation fields Used	
5.	Dashboard design	No of Visualizations / Graphs – 12
6	Story Design	No of Visualizations / Graphs - 2