VYASA ARTS AND SCIENCE WOMEN'S COLLEGE

SUBRAMANIAPURAM

A documentation project on the topic
''iRevolution: A Data-driven
Exploration of Apple's iPhone
Impact in India''

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iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India

1.INTRODUCTION

1.1 Overview

The world has changed as a consequence of the increasing use of smartphones, which have improved communication, connected people, and revolutionised many different businesses. With its main product, the iPhone, capturing markets around the world, Apple Inc. has emerged as a prominent player among the top smartphone makers.

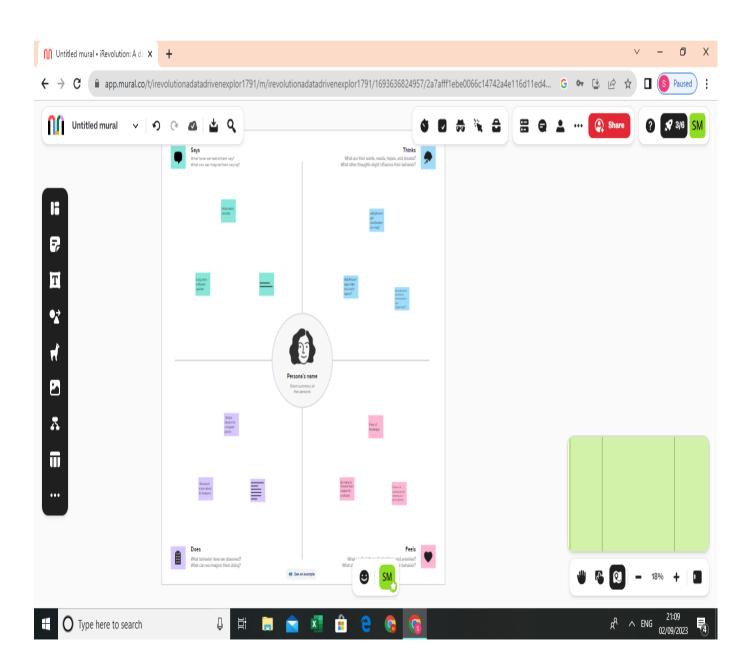
India, one of the economies with the greatest economic growth, has seen a tremendous increase in smartphone usage, making it an interesting market to study the effects of Apple's iPhone.

1.2 Purpose

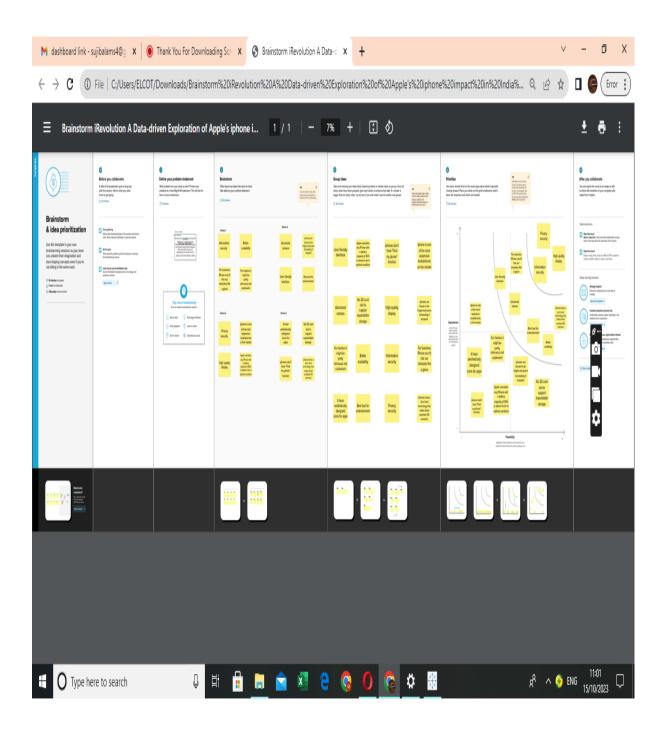
- In order to shed light on important factors like market penetration, customer preferences, economic ramifications, and societal changes, this research report will perform a data-driven investigation of the impact of the iPhone in India.
- This study will offer invaluable insights into the transformative impact of the iPhone on India's technological landscape and the lives of its consumers by using advanced data analytics techniques and analysing large datasets.
- Apple has a special chance to increase its market share and develop a significant presence in India. Each new iPhone model unveiling generates excitement and anticipation among Indian buyers. By utilising the plethora of information already accessible, this research aims to go beyond conjecture and anecdotal evidence in order to develop a thorough knowledge of the effects of the iPhone.

2. PROBLEM DEFINITION AND DESIGN THINKING

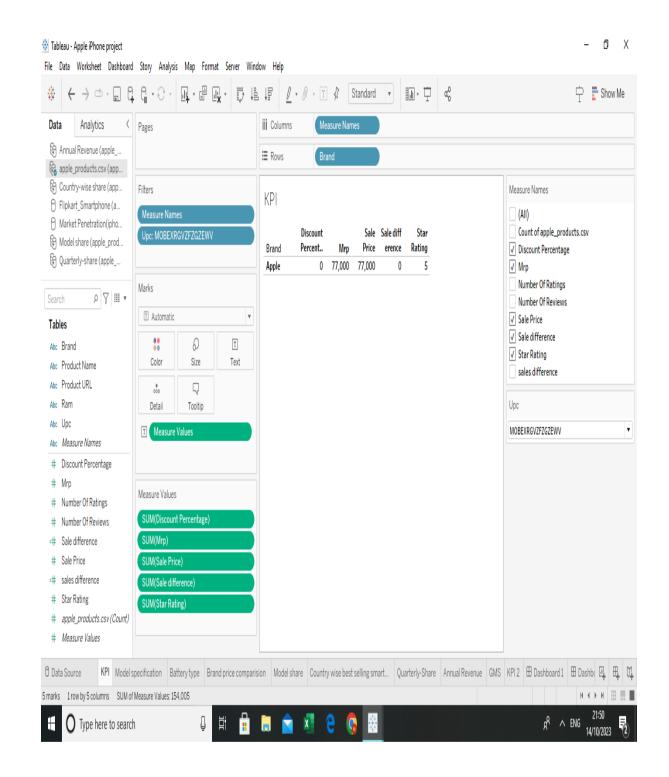
2.1 EMPATHY MAP



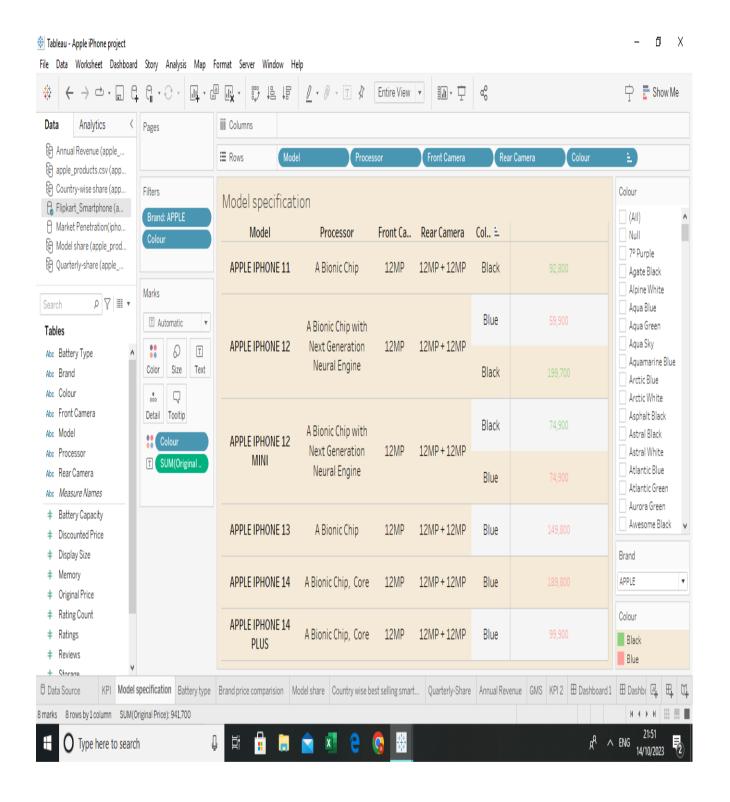
2.2 IDEATION AND BRAINSTORMING



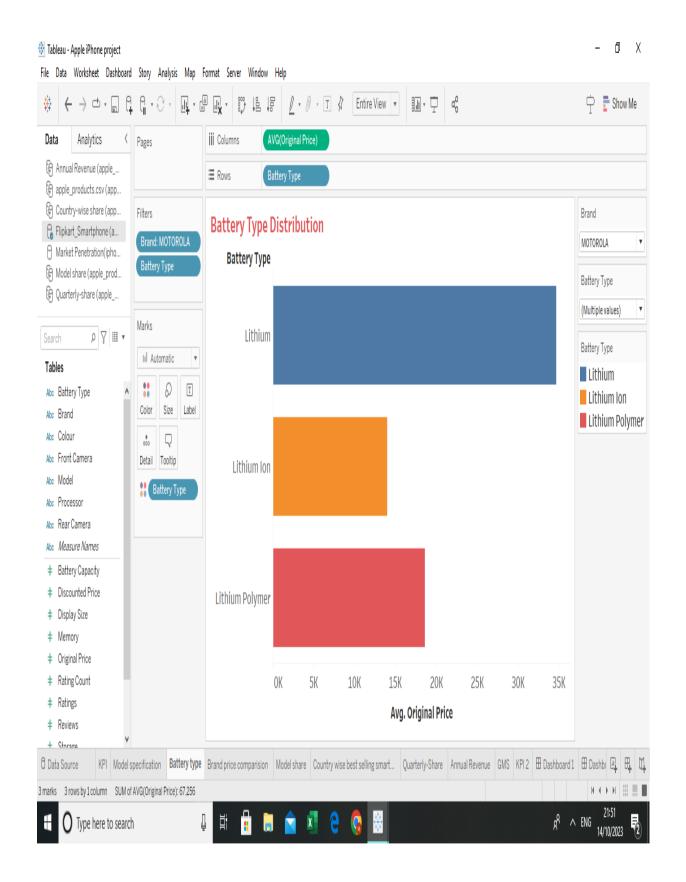
- 3. RESULTS
- 3.1 CHARTS
 - a) KPI



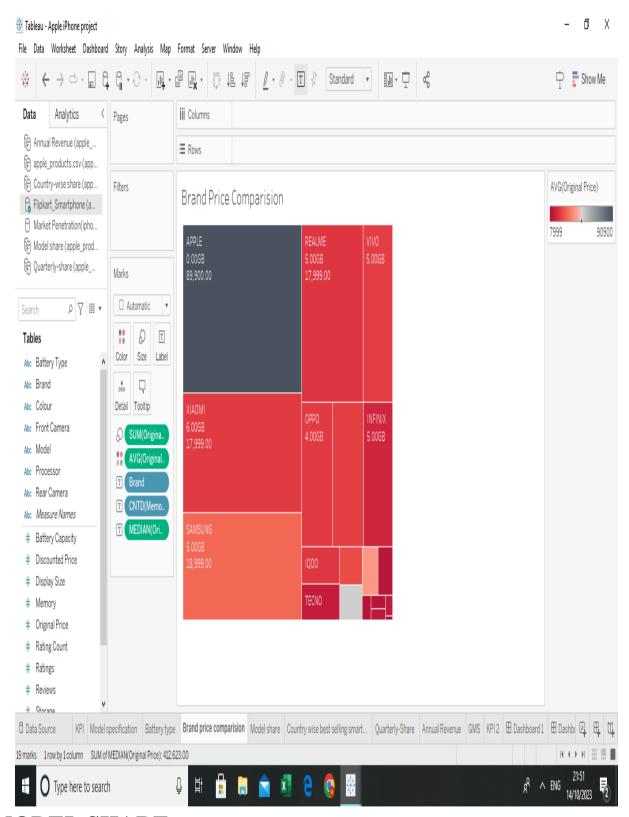
b) MODEL SPECIFICATIONS



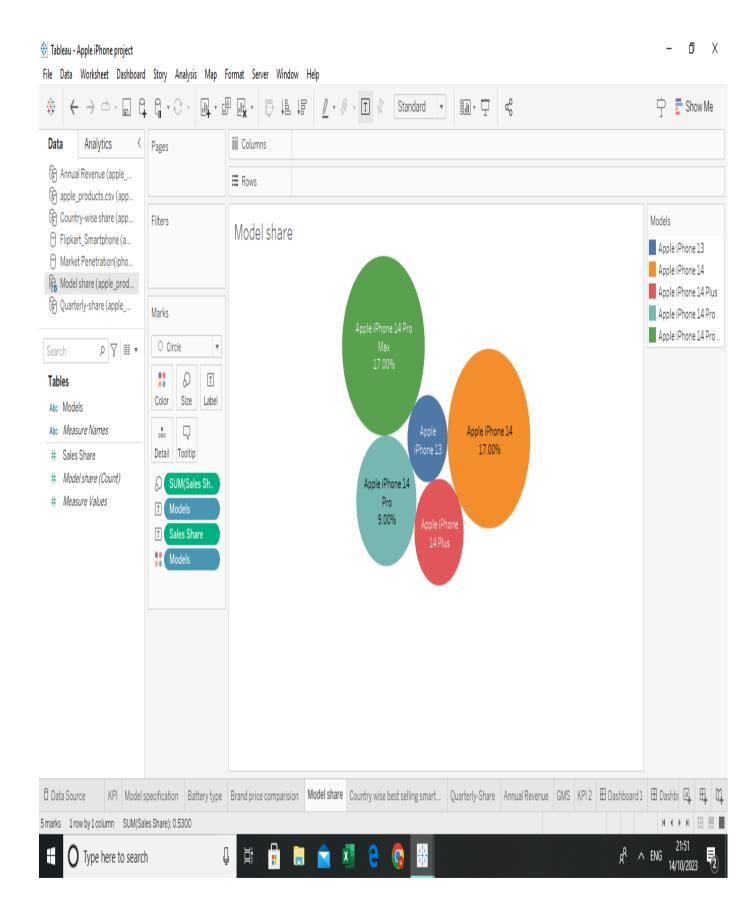
c) BATTERY TYPE



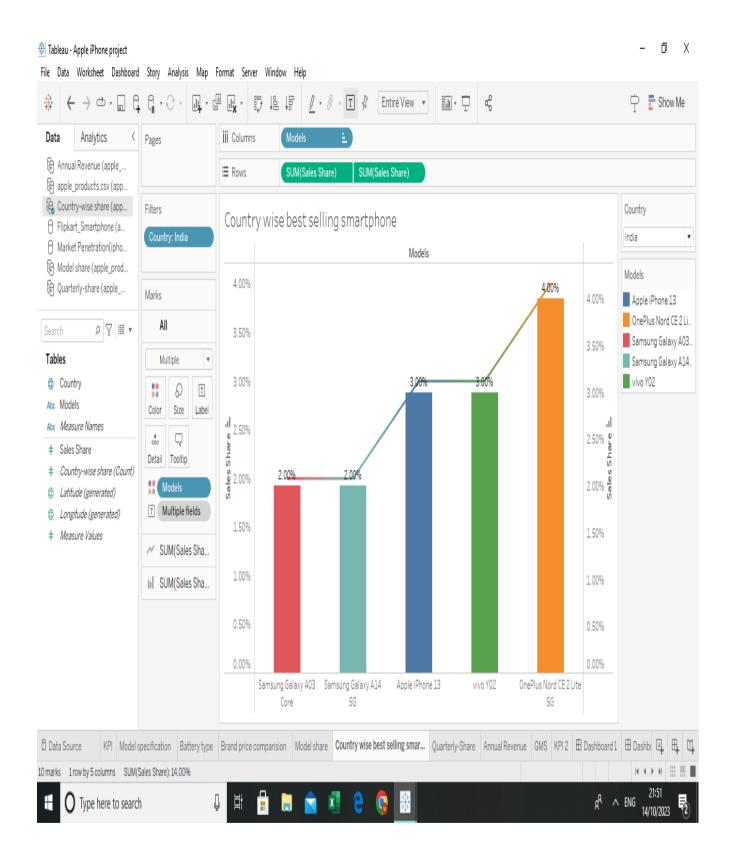
d. BRAND PRICE COMPARISON



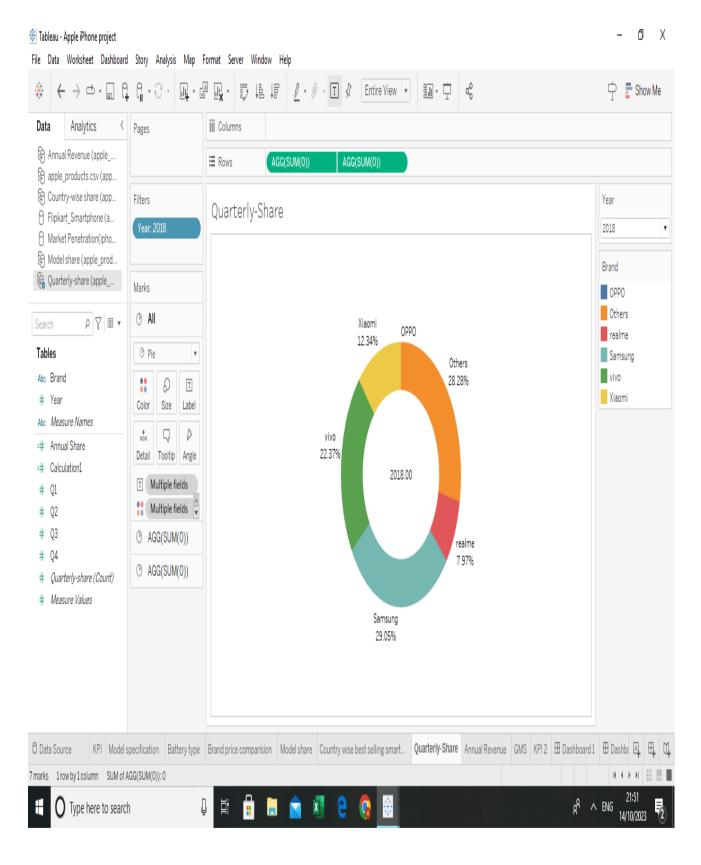
e. MODEL SHARE



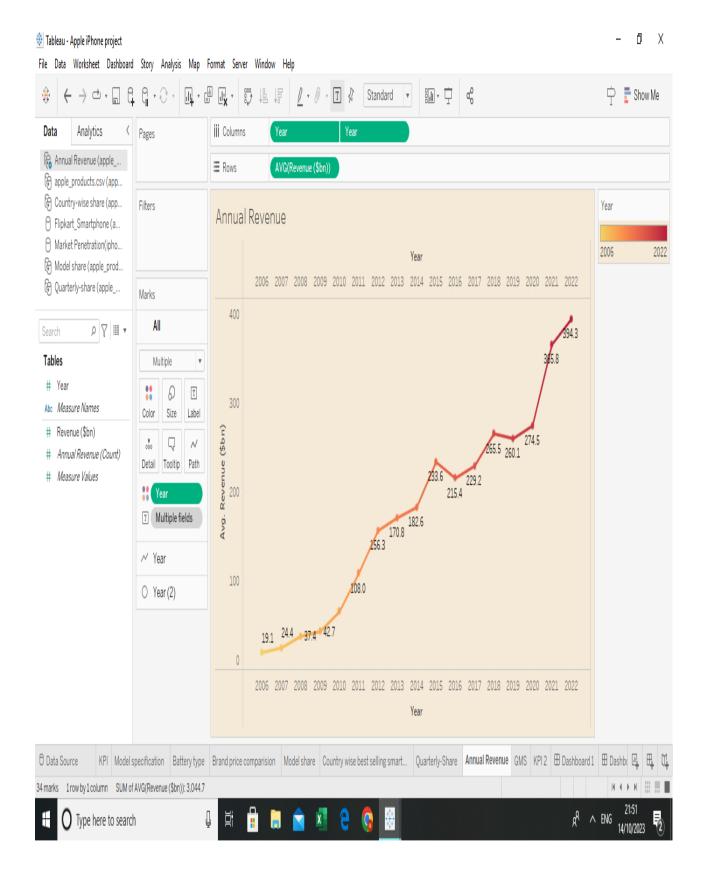
f. COUNTRY WISE BEST SELLING SMARTPHONE



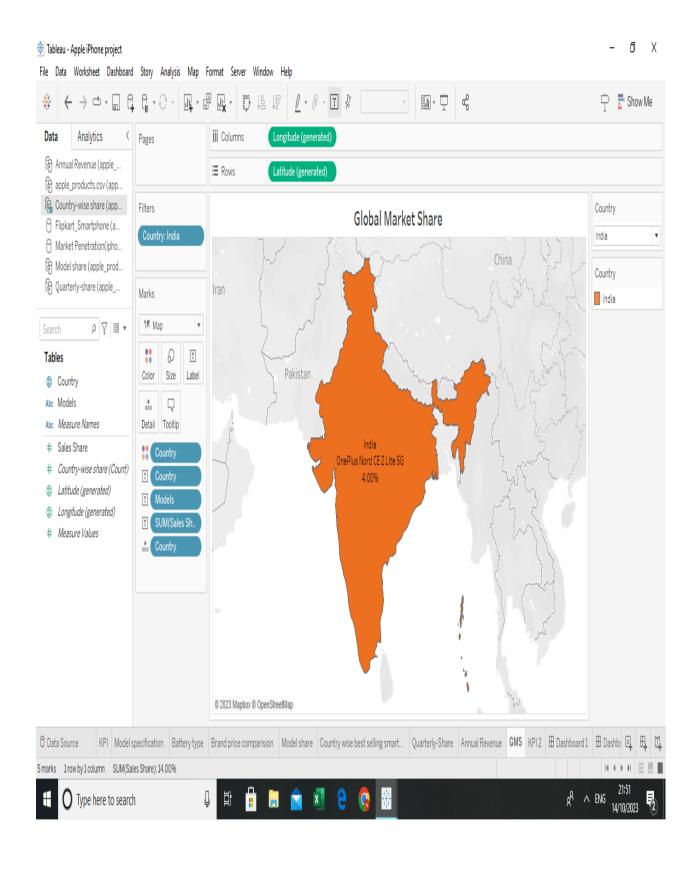
g.QUARTERLY SHARE



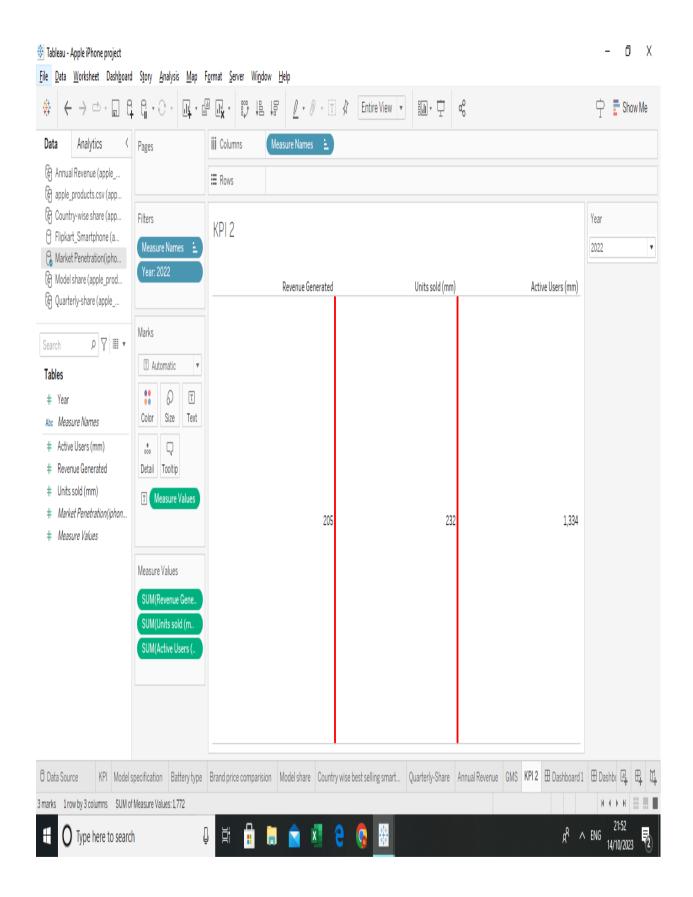
h. ANNUAL REVENUE



i. GLOBAL MARKET SHARE

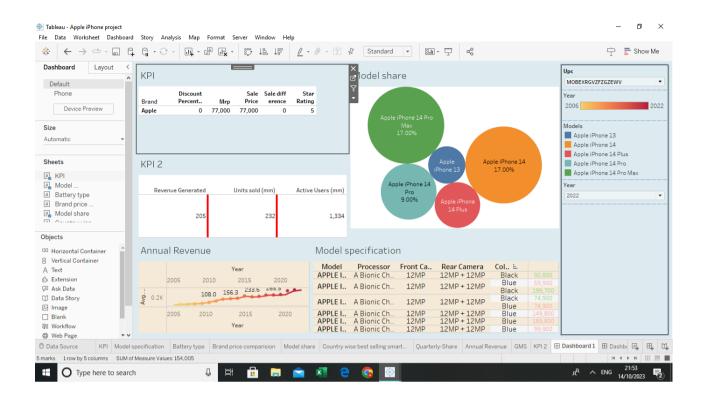


j. KPI 2

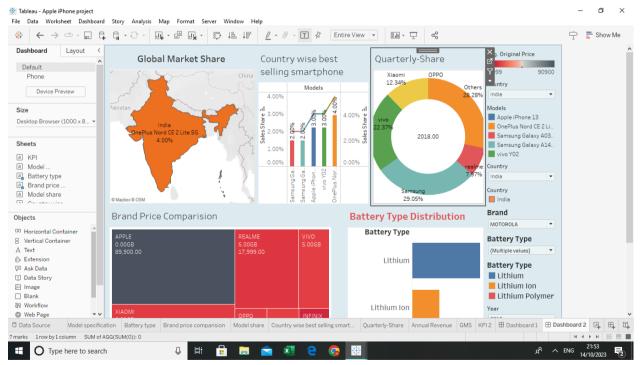


3.2 DASHBOARDS

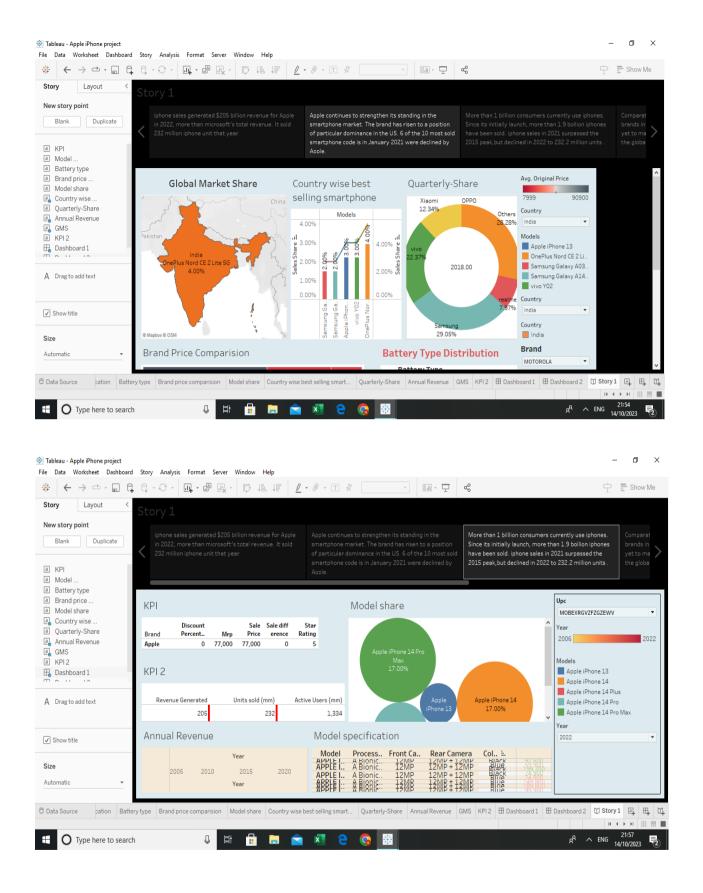
Dashboard 1

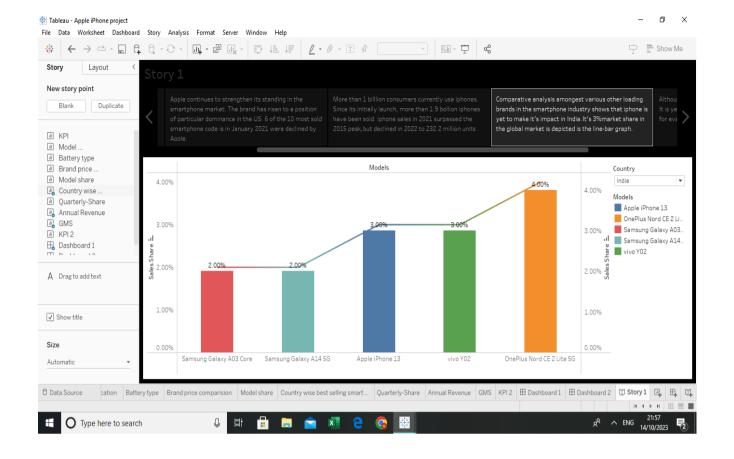


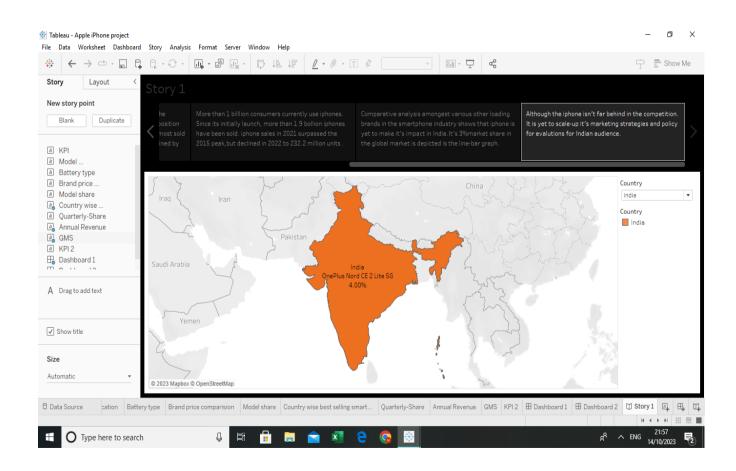
Dashboard 2

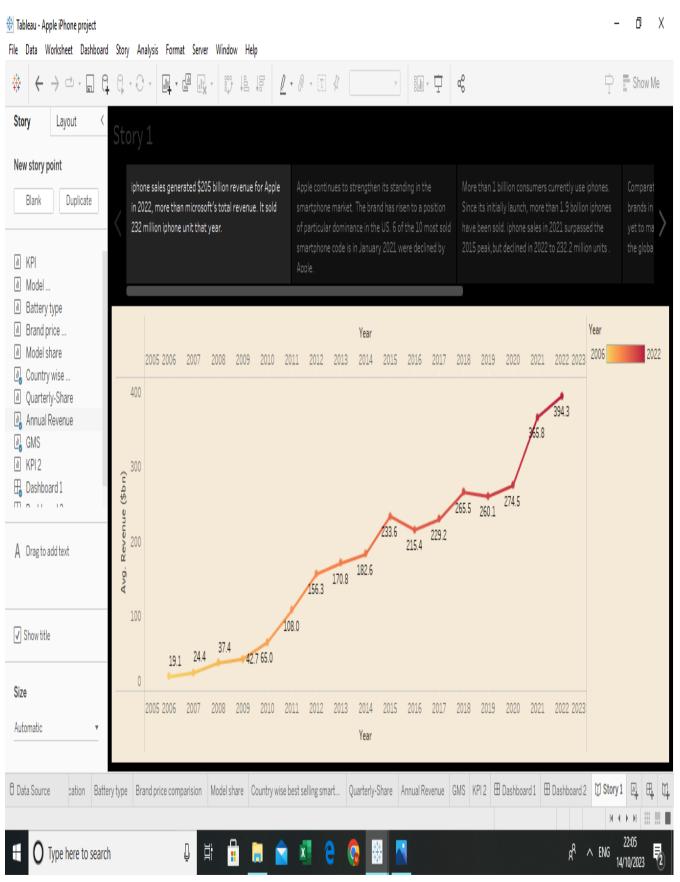


3.3 STORY









4.ADVANTAGES AND DISADVANTAGES

4.1 ADVANTAGES

- The iPhone dramatically changed the way people communicate, learn, play and work. With an iPhone in hand, an employee could work from home or be on site with a client and still have access to company data and be connected. The iPhone popularised the use of apps, web tools and mobility.
- The iPhone for a business is lightweight and portable, so we can take it wherever we go. It has a long battery life, so we don't have to worry about running out of power when we need it most. The iPhone's powerful applications give you access to all our office tools in a simple, intuitive interface.
- India has become Apple's fifth largest iPhone market in Q2, surpassing Germany and France. Apple's increased focus on distribution and marketing in India has resulted in a 50% YoY growth in sales and a rise in market share to 5.1%.
- The iPhone has an intuitive user interface that makes it easier to navigate.
- It allows users to access and transfer data across multiple devices.

4.2 DISADVANTAGES

- The cost of owning an iphone is higher in India when compared to other countries. They frequently cost more than many Android phones with comparable or superior hardware specifications.
- iPhones are not entirely "made in India" but rather assembled in the country. The supply chain for iPhone production still relies on components imported from other regions. Consequently, Apple is subject to customs duties, which have a direct impact on the final prices.
- The iPhone's batteries are non-removable, which means that users cannot replace them.
- Apple's biometric security features, Face ID and Touch ID, can sometimes fail to recognize the user, leading to frustration and reduced security.
- No Expandable Storage.
- The iPhone is known to be fragile and prone to breaking if dropped.

5.APPLICATIONS

- The iPhone and its Apple-controlled App Store also became a massive business and gave app developers an easy way to sell to a global audience. In January, Apple said developers on its App Store platform had made \$120 billion since it launched in 2008, with over \$30 billion in 2018 alone.
- iPhone sales were adding one-quarter to one-third of a percentage point to the annualized growth rate of the gross domestic product (GDP).
- The iPhone dramatically changed the way people communicate, learn, play and work. With an iPhone in hand, an employee could work from home or be on site with a client and still have access to company data and be connected. The iPhone popularized the use of apps, web tools and mobility
- Apple has revolutionized communication, playing games, watching movies, listening to music, and more.
- Apple's increased focus on distribution and marketing in India surpassing Germany and France in iPhone sales.
 India now ranks behind the U.K., Japan, China, and the U.S. in terms of iPhone sales.

6.CONCLUSION

In this project we have analysed the iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India with the help of tableau. In order to shed light on important factors like market penetration, customer preferences, economic ramifications, and societal changes, we have performed a data-driven investigation of the impact of the iPhone in India through this research.

This study offered invaluable insights into the transformative impact of the iPhone on India's technological landscape and the lives of its consumers by using advanced data analytics techniques and analysing large datasets.

For this the data are collected from various sources. At first, we defined the problem in the form of Empathy map and Brainstorming. Then we have connected the collected data set to the tableau and have created various chart's like line chart, bar chart, donut chart, map chart, etc.

Finally we have created the dashboard and story using these charts. Also from these charts we have analysed and acquired a thorough knowledge about the effects of the iPhone

7.FUTURE SCOPE

- The iPhone often served as a catalyst for the technologies introduced within, whether it's digital assistant Siri, mobile payments or wireless charging, and helped drive the evolution of how we live our mobile lives. But in the future, the most important part of the iPhone might be everything around it.
- we're likely to see incremental improvements like higher quality cameras and giant displays. But over the next decade, the iPhone could evolve into a hub for smart glasses and other devices. AirPods, Apple Watches and CarPlay-enabled vehicles may be just the start
- Apple's sales in India hit a new high of about \$6 billion in the fiscal year, up nearly 50% from a year earlier, showcasing the increasing importance of iPhones in a country that emerged to be the fastest growing major economy
- Apple's flagship smartphones, including the iPhone 15
 Pro and Pro Max, have gone on sale in India, with the company expected to increase its market share from 5% to 7% by the end of 2023.