Project Report Template

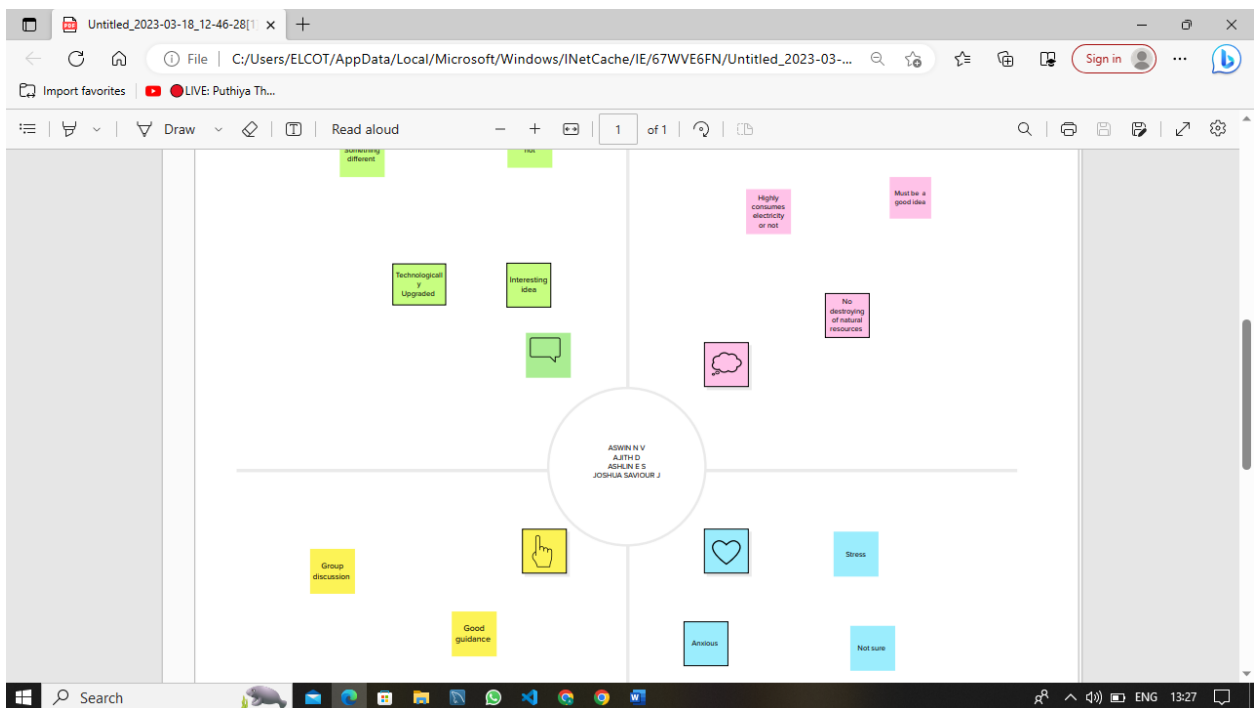1 . INTRODUCTION

1.1 Overview

    Advances in both capital EV analytics and battery technologies have led to increased automotive market share However this growth is not attributed to hardware alone
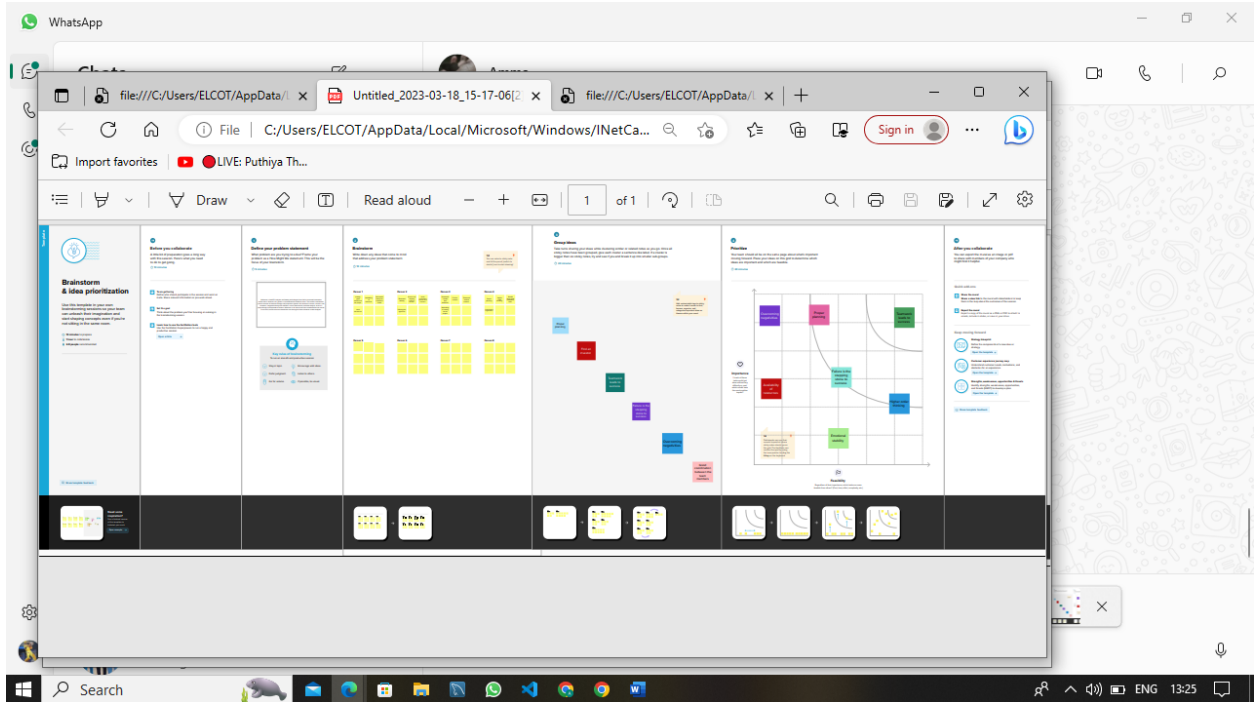

1.2 Purpose

    The new EV's are combined electrical storage and propulsion systems with electronic sensors , control secure data transfer to form a transportation solution.

2   . Problem Definition and design thinking
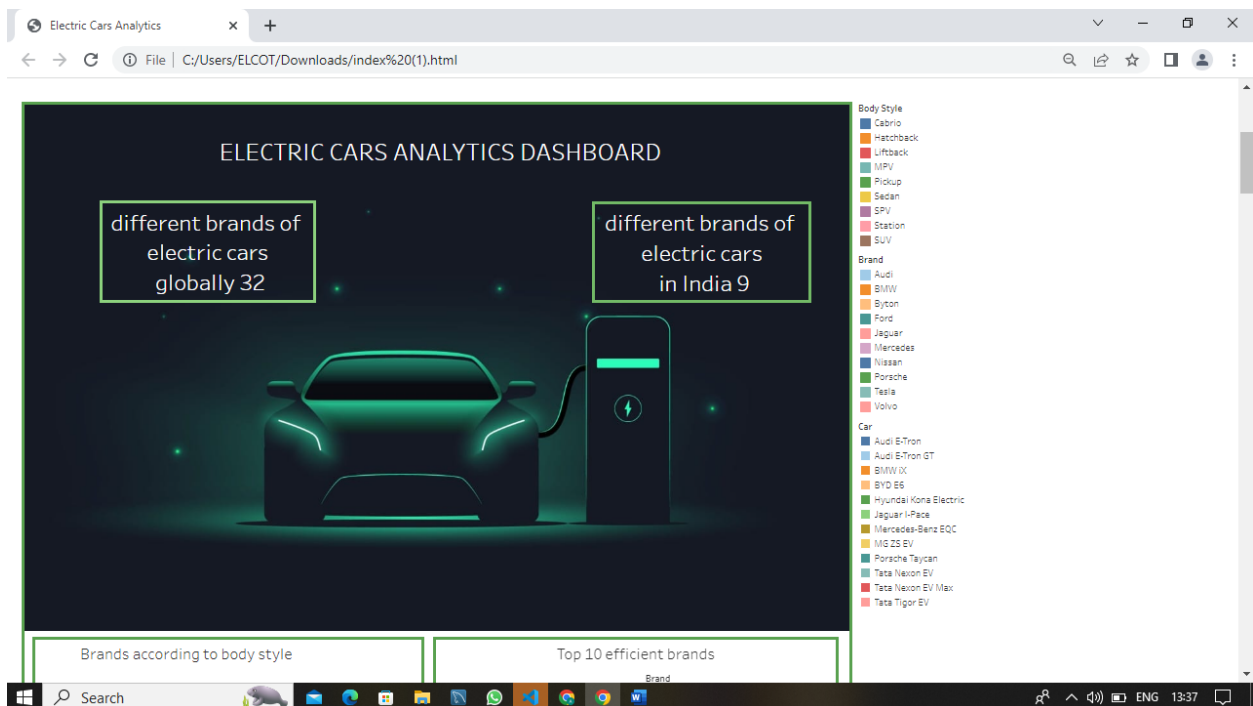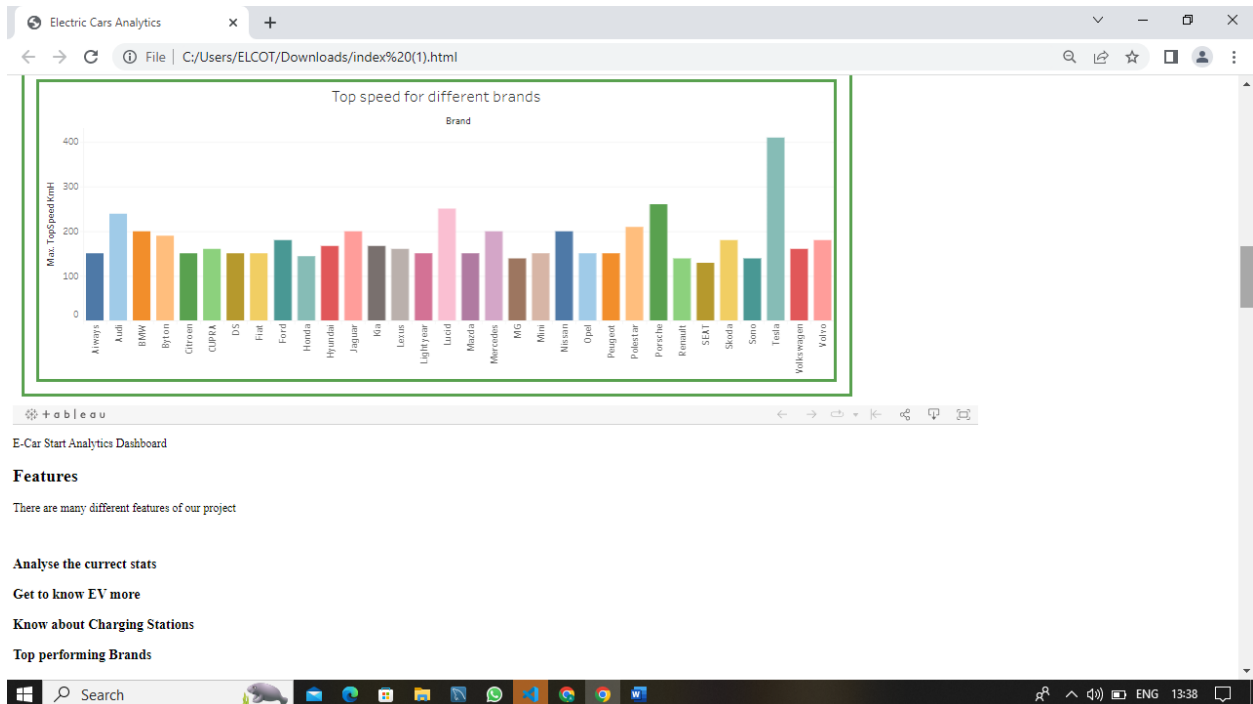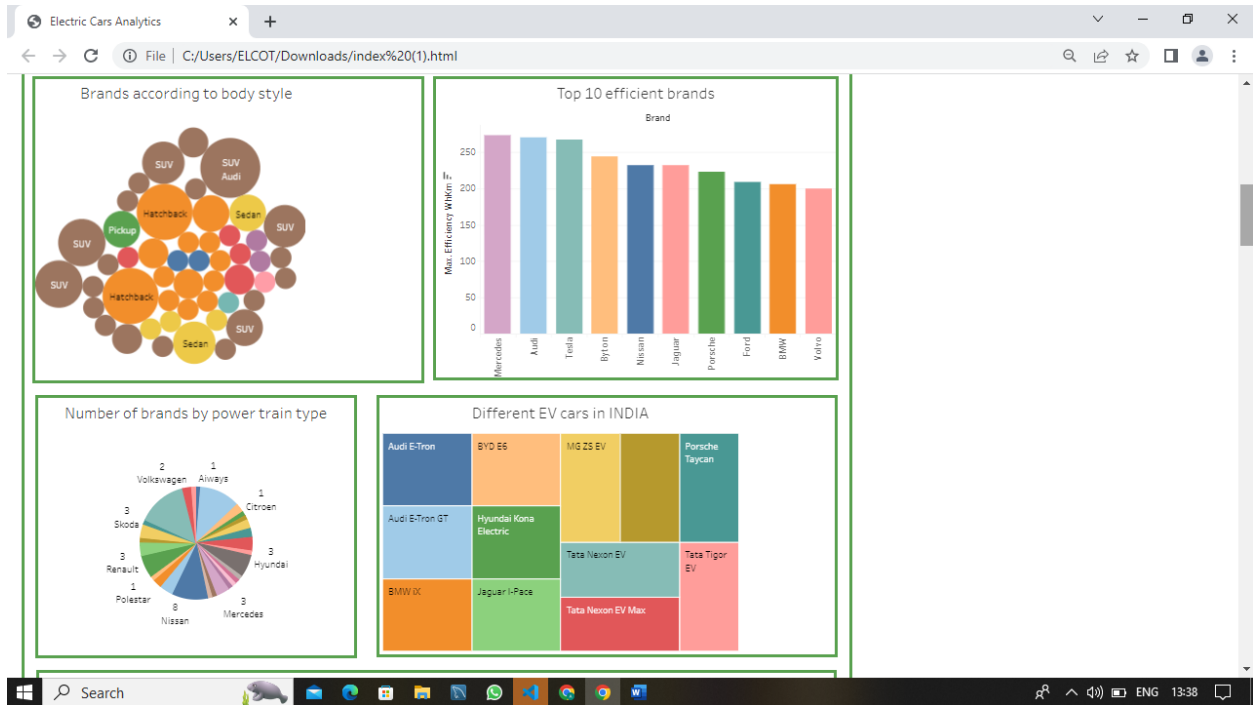

2.1 Empathy Map

2.2 Ideation and brainstorm Map

3 . RESULT

Brands according to body style

Top 10 efficient brands

Number of brands by power train type

Different EV cars in INDIA

Top speed for different brands

E-Car Start Analytics Dashboard

Features

There are many different features of our project

Analyse the currect stats

Get to know EV more

Know about Charging Stations

Top performing Brands
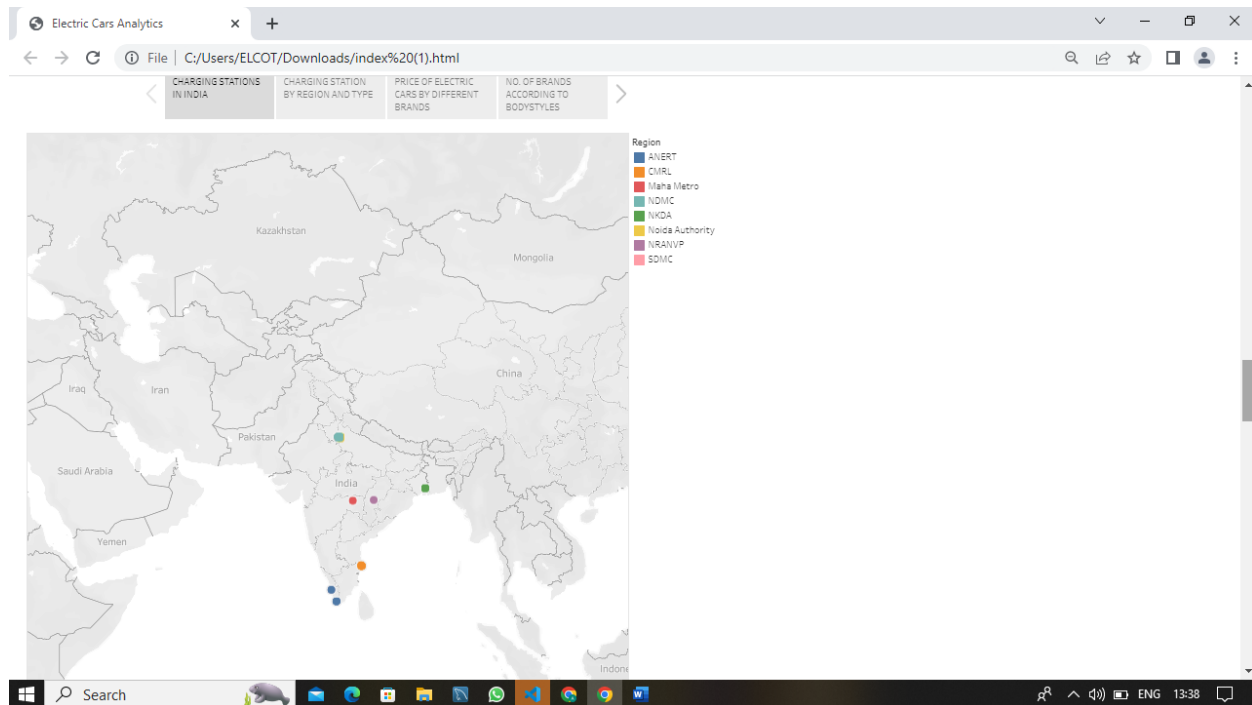
4.advantages&disadvantages

Limited charge stations ,charging takes longer ,EVs are expensive ,lower maintanence costs ,battery replacement ,EVs takes hours to charge ,better performance ,limited driving range .

5. APPLICATION

Visualization solution for electric vehicles will help both drivers and customers who have interest in electric vehicle technology.The data visualization helps to collect ,process and analyse the data of electric vehicle.

6.CONCLUSION

First we constructed an empathy map and brain storming map in order know the thoughts of the people and to discuss the problems based on this electric vehicle technology. Then we used visualisation tools to know the details of electric vehicles in and around India.

7.FUTURE SCOPE

There is exciting features of electric cars near future.

*distributed solar in rooftops,charging

*clean batteries hopefully, flashcharge batteries in the basement,etc.

*electric cars at any time of day or night in 15 minutes or less hopefully,cars powered by flashcharge batteries.

8.APPENDIX

A. source code

https://drive.google.com/file/d/15NAqzRuqhwB2_esRl85g1TgJ4Svmn2hR/view?usp=share_link