

# **VISUALIZATION TOOL FOR ELECTRIC VEHICLE CHARGE AND RANGE ANALYSIS.**

## **1.INTRODUCTION:**

### **1.1 OVERVIEW:**

A vehicle that can be powered by an electric motor that draws electricity from a battery and is capable of being charged from an external source and have an electric motor instead of an internal combustion engine.

The Electric Vehicle (EV) is not new, but it has been receiving significantly more attention in recent years.

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

The modern mechatronic vehicle marries electrical storage and propulsion systems with electronic sensors, controls, and actuators, integrated closely with software, secure data transfer, and data analysis, to form a comprehensive transportation solution.

Advances in all these areas have contributed to the overall rise of EV's, but the common thread that runs through all these elements is data analytics.

The new EV's are combined Electrical storage and propulsion systems with electronic sensors, controls, and actuators, integrated closely with software, secure data transfer to form a comprehensive transportation solution.

## **1.2 PURPOSE:**

### **THE USE OF THIS PROJECT**

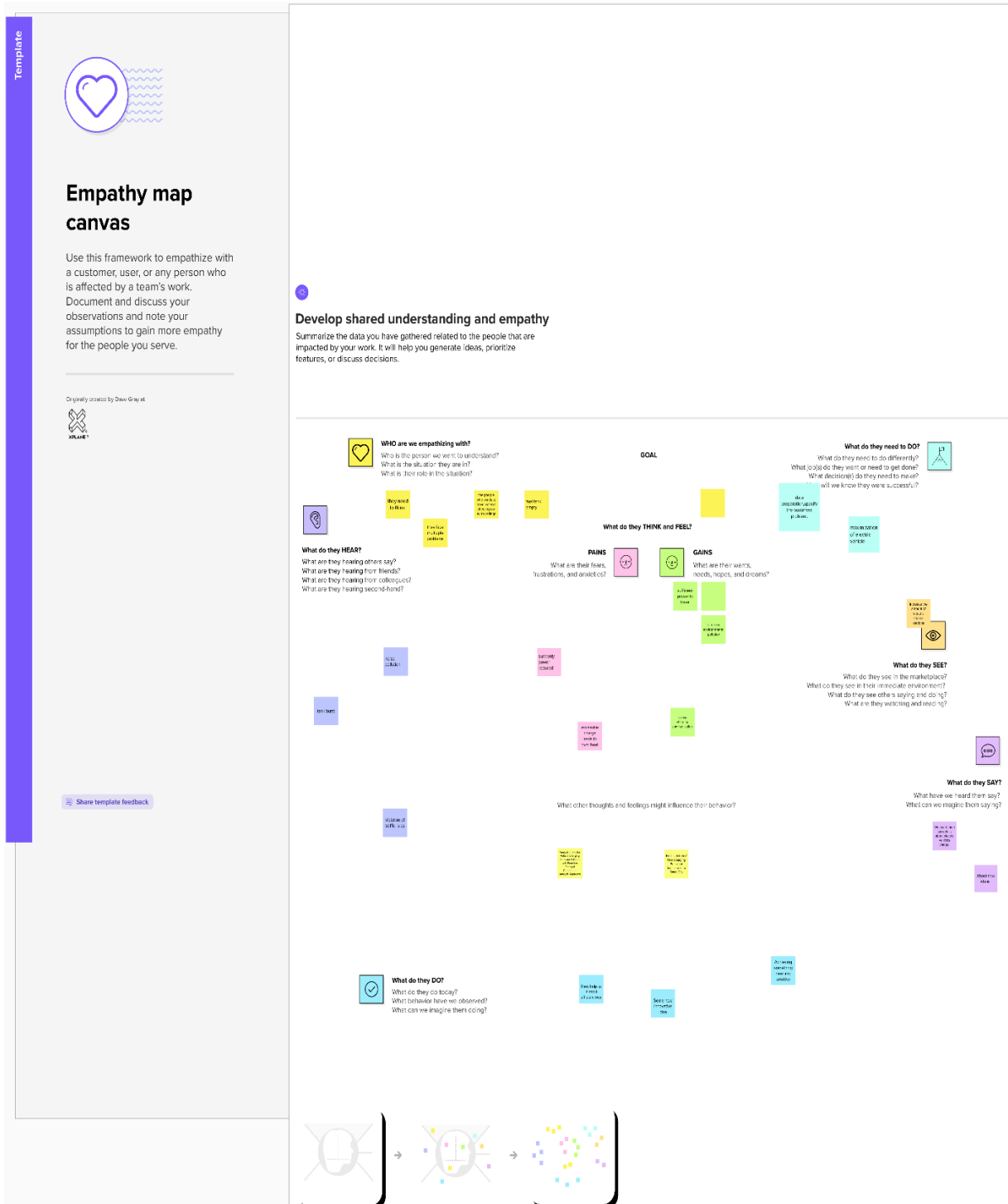
1. A large no. of people have their profession as job.
2. More of the two-wheeler owners were interested in converting their vehicles into electric vehicles.
3. Most of the people prefer their own vehicles for daily travelling and the distance travelled by them daily falls in between 40-80 km.
4. A major section of female students has shown much interested to get more details about electric vehicles technologies.
5. Almost all the people would refer to charge their vehicles at home and from public charging station.
6. Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel.

### **WHAT CAN WE ACHIEVED USING THIS**

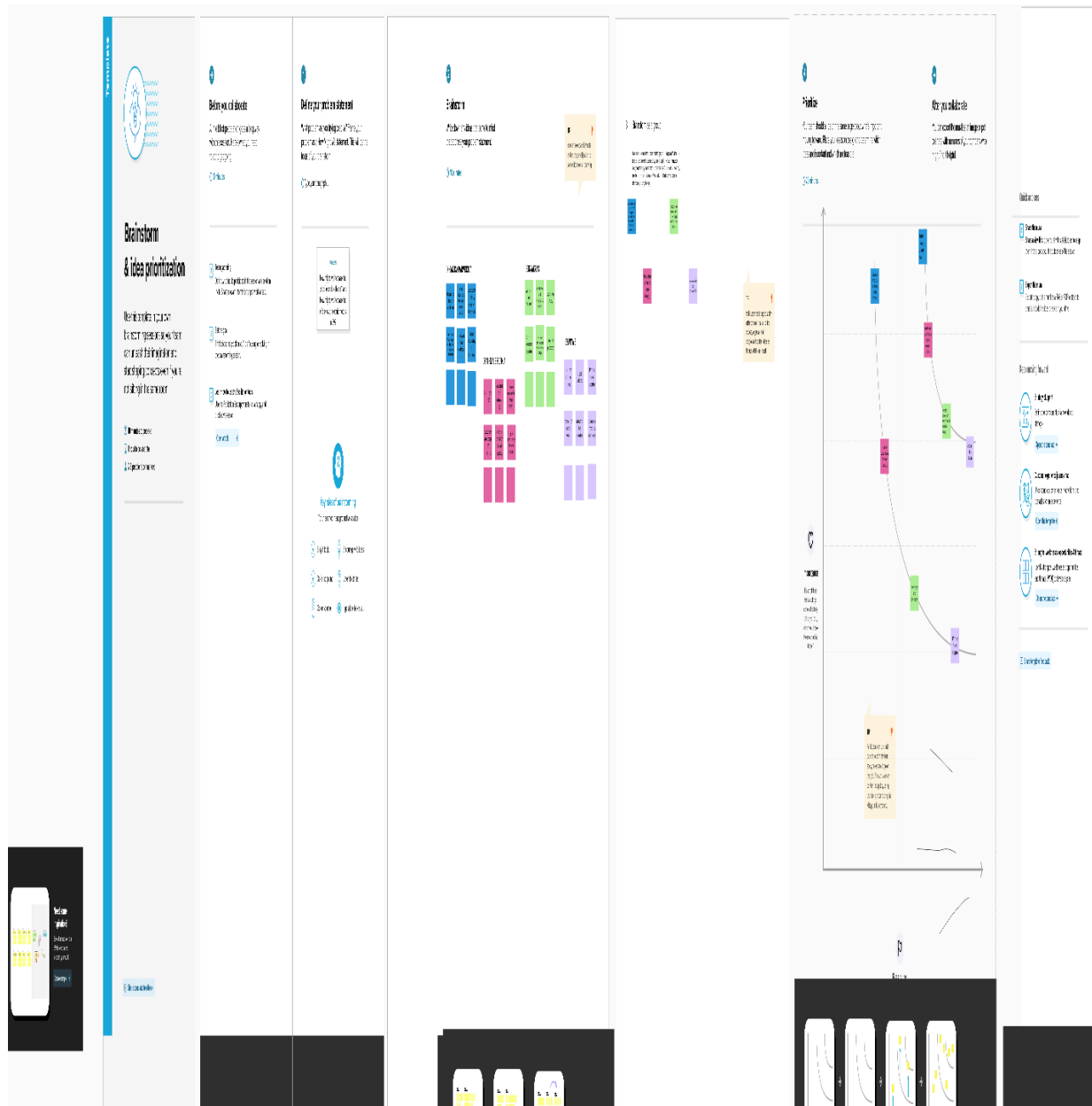
1. Electric vehicles are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements.
2. Its goal is to reduce vehicular emissions and air pollution levels within the country. This scheme also aims to establish an electric charging infrastructure. In addition, FAME India Scheme targets to convert 30% of total transportation into electric vehicles by the year 2030.
3. Electric car sales reached a record high in 2021, despite supply chain bottlenecks and the ongoing Covid-19 pandemic. Compared with 2020, sales nearly doubled to 6.6 million (a sales share of nearly 9%), bringing the total number of electric cars on the road to 16.5 million.
4. Electric vehicles (EVs) have the potential to eliminate the use of fossil fuels in the transportation industry. Electrification of the transportation industry can also result in better energy efficiency and lower pollution levels in the local area.

# 2.PROBLEM DEFINATION AND DESIGN THINKING:

## 2.1: EMPATHY MAP.

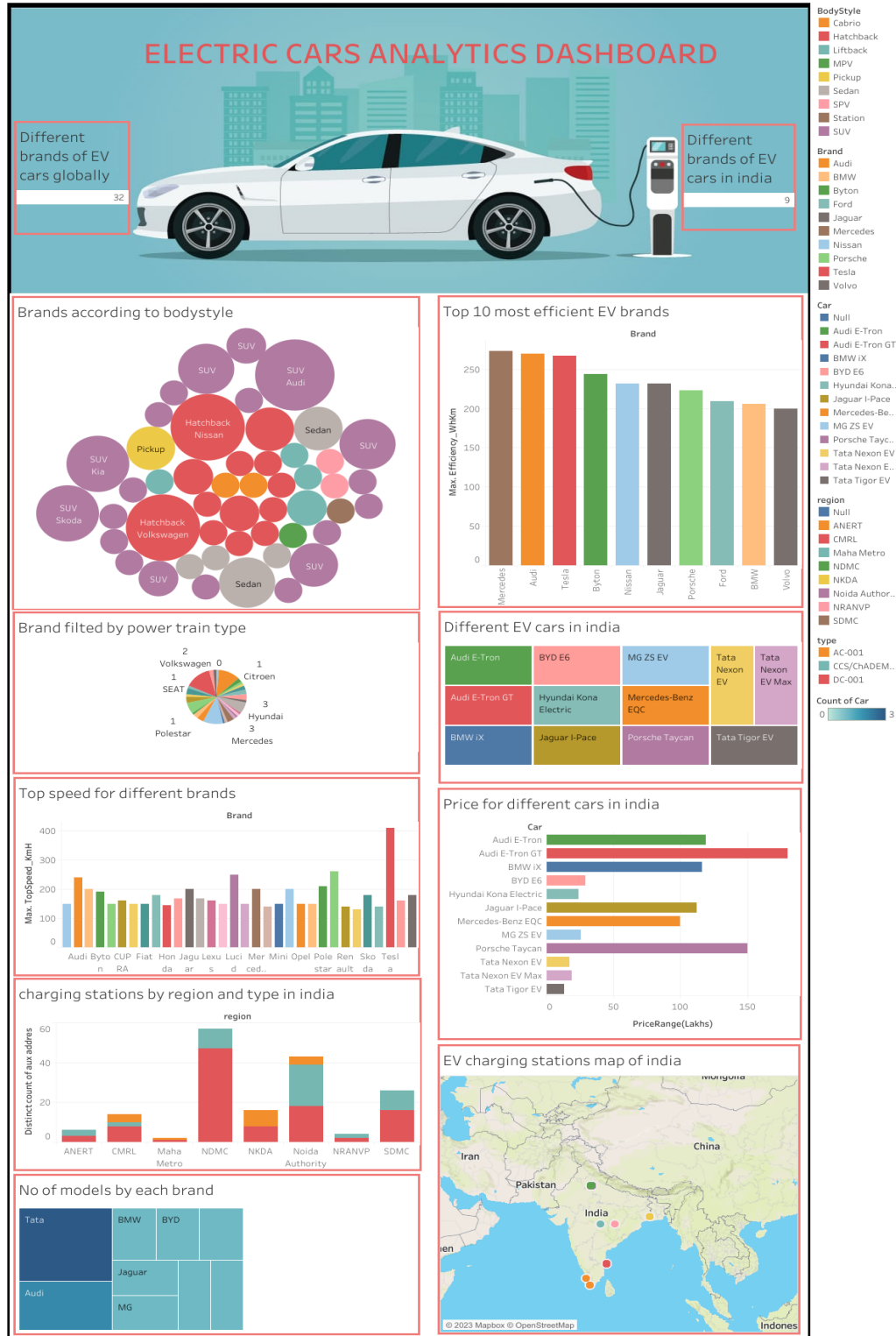


## 2.2: BRAINSTORMING MAP



## 3.RESULT:

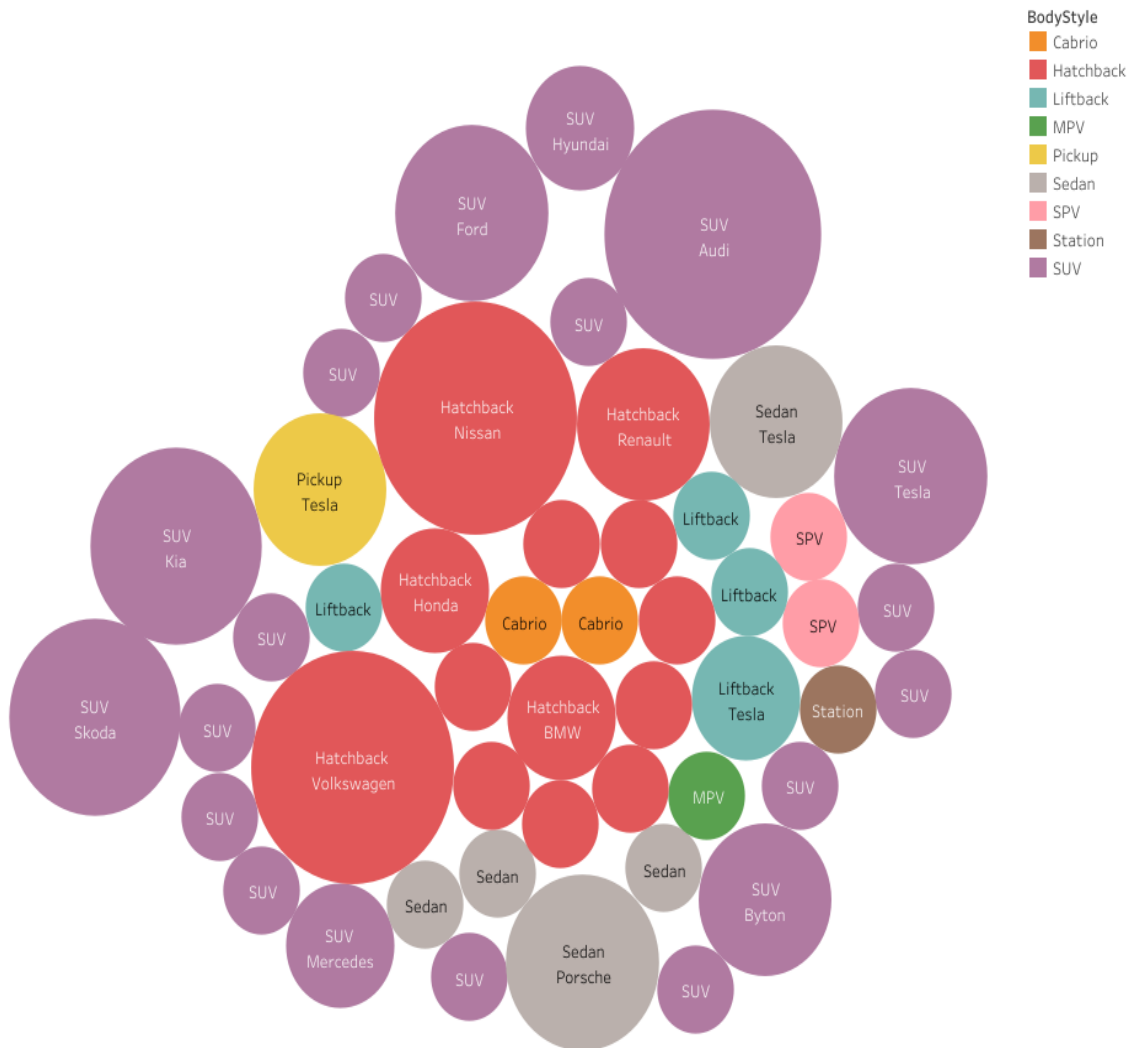
## DASHBOARD:



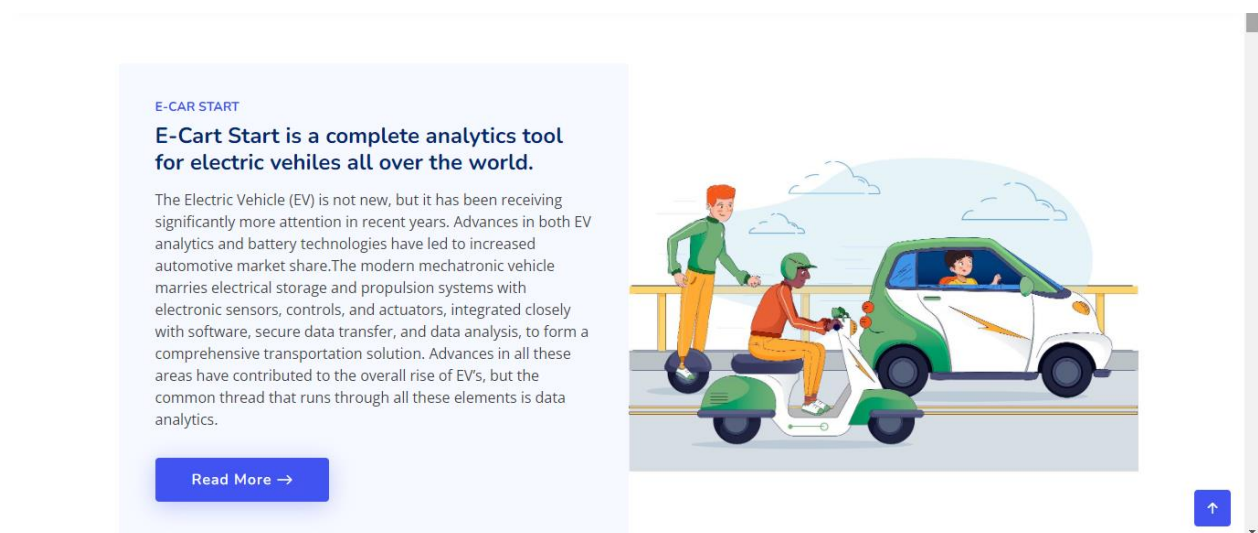
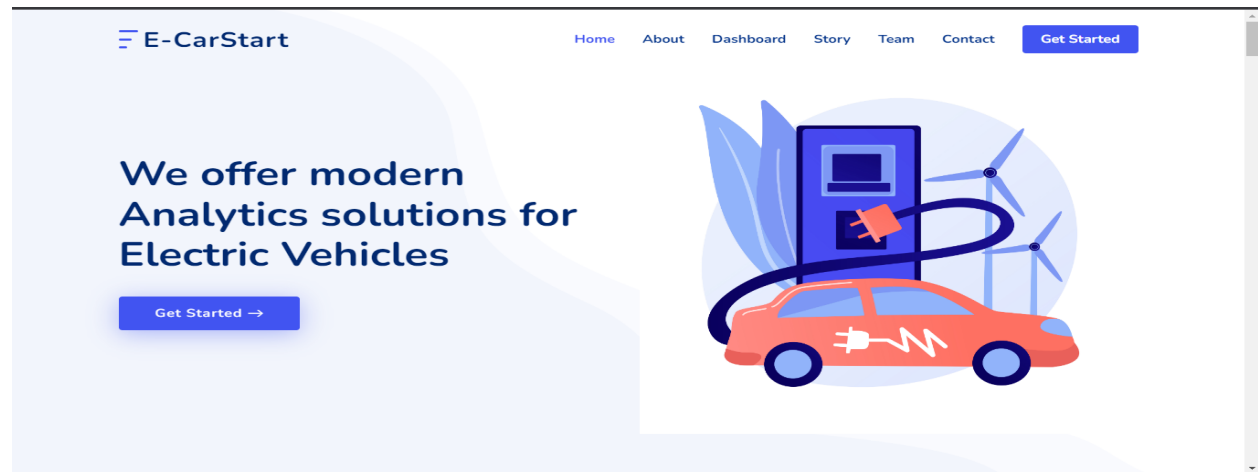
# STORY:

## STORY OF ELECTRIC CARS IN INDIA.

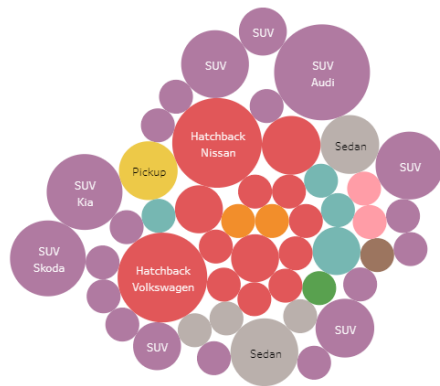
| Brands according to bodystyle. | Top 10 most efficient EV brands,in which M.. | Brand filted by power train type. | EV charging stations map of india.In India,... | Top speed for different brands. | Price for different cars in India. | No of models by each bran.. |
|--------------------------------|--|-----------------------------------|--|---------------------------------|------------------------------------|-----------------------------|
|--------------------------------|--|-----------------------------------|--|---------------------------------|------------------------------------|-----------------------------|



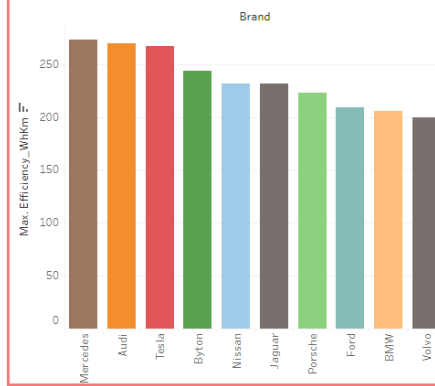
# WEB INTEGRATION:



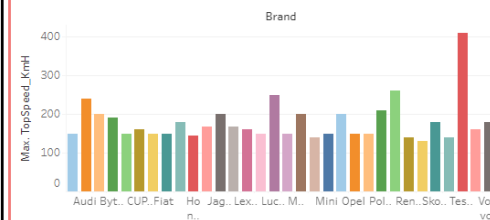
Brands according to bodystyle



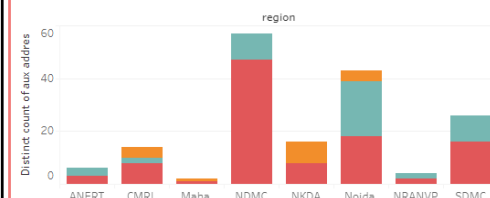
Top 10 most efficient EV brands



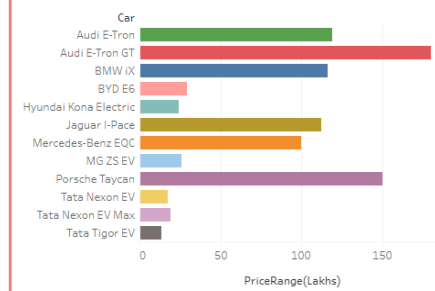
Top speed for different brands



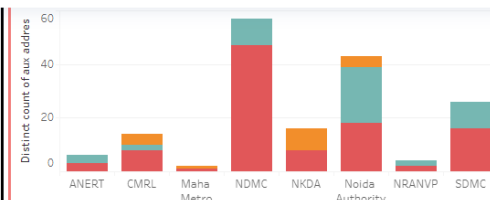
charging stations by region and type in india



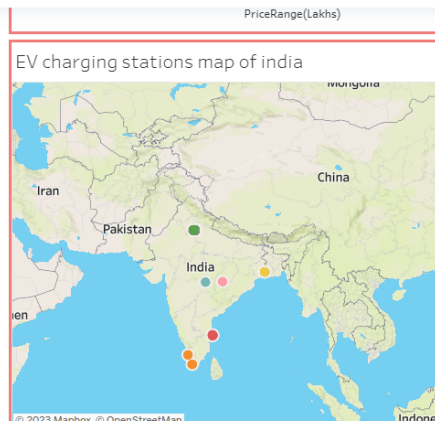
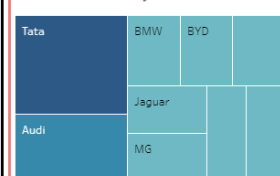
Price for different cars in india



EV charging stations map of india



No of models by each brand





## FEATURES

# There are many different features of our project



✓ Analyse the current stats

✓ Get to know EV more

✓ Know about Charging Stations

✓ Top performing Brands

✓ different brands in India

✓ different brands Globally

## Overview of Electric Vehicle Sector

### OVERVIEW PRICING

The supply of fossil fuels is constantly decreasing. The situation is very alarming. It is time for the world to slowly adapt to electric vehicles.

✓ **A lot of change needs to happen**

Major carmakers like Tesla and Porsche manufacture many electric vehicles.

✓ **The improvement of battery technology in recent years has led to the higher popularity of electric vehicles.**

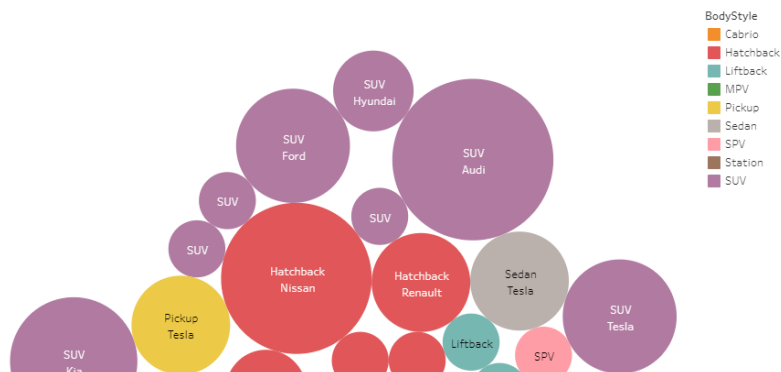
Buying an electric vehicle can be a great choice for consumers. The drive quality, low noise levels, and convenience are really great.

## ELECTRIC CAR



## STORY OF ELECTRIC CARS IN INDIA.

|                                |   |                                     |  |                                 |                                    |       |
|--------------------------------|---|-------------------------------------|--|---------------------------------|------------------------------------|-------|
| Brands according to bodystyle. | Top 10 most efficient EV brands, in which Mercedes is the top | Brand filtered by power train type. | EV charging stations map of India. In India, Delhi has | Top speed for different brands. | Price for different cars in India. | No br |
|--------------------------------|---|-------------------------------------|--|---------------------------------|------------------------------------|-------|





## **4.ADVANTAGES AND DISADVANTAGES.**

### **ADVANTAGES:**

1. It is eco friendly because electric vehicle do not utilize fuel for combustion. then driving and a electric car can help contribute to a clean environment.
2. Electric vehicle run on renewable energy source which reduces the worlds fossil fuel stocks.
3. Less noise and smoother motion.
4. Government support

### **DISADVANTAGES:**

1. Electric vehicle continue to be quit expensive.
2. Charging station is less.
3. Recharging text time.
4. Electric cars can be convenient for short distance travel but are inconvenient for long distance travel

## **5.APPLICATION:**

### **Application for Electric vehicles :**

- 1.The main application at present is cars and very light trucks.
- 2.This is due to the balance of cost and weight for batteries.
- 3.Hydrogen is a clean technology but not as efficient as a battery vehicle however at present it is more effective for heavy duty long range applications.
- 4.There are some battery trams, buses and multiple unit trains but at present they require frequent recharging.
- 5.Tesla is planning a mid sized battery truck soon and Nikola is planning a longer range hydrogen alternative.

### **Lower running costs:**

- 1.The running cost of an electric vehicle is much lower than an equivalent petrol or diesel vehicle.
- 2.Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel.
3. Electric vehicles are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements.
- 4.Using renewable energy sources can make the use of electric vehicles more eco-friendly.
- 5.The electricity cost can be reduced further if charging is done with the help of renewable energy sources installed at home, such as solar panels.

### **No noise pollution:**

- 1.Electric vehicles have the silent functioning capability as there is no engine under the hood. No engine means no noise.
- 2.The electric motor functions so silently that you need to peek into your instrument panel to check if it is ON.
- 3.Electric vehicles are so silent that manufacturers have to add false sounds in order to make them safe for pedestrians.

## **6.CONCLUSION:**

Electric vehicles (EVs) have a battery instead of a gasoline tank, and an electric motor instead of an internal combustion engine. Plug-in hybrid electric vehicles (PHEVs) are a combination of gasoline and electric vehicles, so they have a battery, an electric motor, a gasoline tank, and an internal combustion engine.

Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel. Electric vehicles are more efficient, and that combined with

the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements.

An electric vehicle charging station is equipment that connects an electric vehicle (EV) to a source of electricity to recharge electric cars, neighbourhood electric vehicles and plug-in hybrids.

Now there are multiple brands for two wheelers as well as four wheelers which will make our future modern and pollutions free environment...

Tableau is a very effective tool for graphical representation, and it has more than 24 different graphical views to display data. Though the dataset is complex or the dataset is very big, in tableau, we can create dashboards very easily and within less time.

Good data visualization should communicate a data set clearly and effectively by using graphics. The best visualizations make it easy to comprehend data at a glance.

## **7.FUTURE SCOPE:**

The future scope of data analytics in India is bright due to several reasons. A career in business analytics is rewarding and offers a wide range of personal and professional development opportunities.

It has now become a promising career option due to high demand and better salaries. In India, the widespread usage of Big Data assures a high level of employment, better wages, and rising demand in future.

The world is witnessing a surge in demand for data analytics services. According to a report, it is expected that there will be 250,000 new openings in the Data Analytics field in 2023, which is almost 60% higher than the demand in 2019-20.

There has already been a 26.5% year-on-year growth in the data analytics industry in 2021. The Government wants India to be a 100%, electric vehicle nation by the year 2030. Under the new plan of the government, every car which will get sold in India from 2030 will be electric. so Electric vehicle will play a major role in upcoming future of India.

## 8.APPENDIX:

### SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">

  <title>Electric Cars Analytics</title>
  <meta content="" name="description">

  <meta content="" name="keywords">

  <!-- Favicons -->
  <link href="assets/img/favicon.png" rel="icon">
  <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

  <!-- Google Fonts -->
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600
i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i|Poppins:300,300i,400,400i,5
00,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

  <!-- Template Main CSS File -->
  <link href="assets/css/style.css" rel="stylesheet">

  <!-- =====
  * Template Name: FlexStart - v1.12.0
  * Template URL: https://bootstrapmade.com/flexstart-bootstrap-startup-template/
  * Author: BootstrapMade.com
  * License: https://bootstrapmade.com/license/
  ===== -->
</head>
```

```

<body>

  <!-- ===== Header ===== -->
  <header id="header" class="header fixed-top">
    <div class="container-fluid container-xl d-flex align-items-center justify-content-between">

      <a href="index.html" class="logo d-flex align-items-center">
        
        <span>E-CarStart</span>
      </a>

      <nav id="navbar" class="navbar">
        <ul>
          <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
          <li><a class="nav-link scrollto" href="#about">About</a></li>
          <li><a class="nav-link scrollto" href="#values">Dashboard</a></li>
          <li><a class="nav-link scrollto" href="#services">Story</a></li>
          <li><a class="nav-link scrollto" href="#team">Team</a></li>
          <li><a class="nav-link scrollto" href="#contact">Contact</a></li>
          <li><a class="getstarted scrollto" href="#about">Get Started</a></li>
        </ul>
        <i class="bi bi-list mobile-nav-toggle"></i>
      </nav><!-- .navbar -->

    </div>
  </header><!-- End Header -->

  <!-- ===== Hero Section ===== -->
  <section id="hero" class="hero d-flex align-items-center">

    <div class="container">
      <div class="row">
        <div class="col-lg-6 d-flex flex-column justify-content-center">
          <h1 data-aos="fade-up">We offer modern Analytics solutions for Electric Vehicles</h1>

          <div data-aos="fade-up" data-aos-delay="600">
            <div class="text-center text-lg-start">
              <a href="#about" class="btn-get-started scrollto d-inline-flex align-items-center justify-content-center align-self-center">
                <span>Get Started</span>
                <i class="bi bi-arrow-right"></i>
              </a>
            </div>
          </div>
        </div>
      </div>
    </div>
  </section>

```

```

        </div>
    </div>
</div>
<div class="col-lg-6 hero-img" data-aos="zoom-out" data-aos-delay="200">
    
</div>
</div>
</div>

</section><!-- End Hero -->

<main id="main">
    <!-- ===== About Section ===== -->
    <section id="about" class="about">

        <div class="container" data-aos="fade-up">
            <div class="row gx-0">

                <div class="col-lg-6 d-flex flex-column justify-content-center" data-
aos="fade-up" data-aos-delay="200">
                    <div class="content">
                        <h3>E-Car Start</h3>
                        <h2>E-Cart Start is a complete analytics tool for electric vehiles
all over the world.</h2>
                        <p>
                            The Electric Vehicle (EV) is not new, but it has been receiving
significantly more attention in recent years. Advances in both EV analytics and
battery technologies have led to increased automotive market share.The modern
mechatronic vehicle marries electrical storage and propulsion systems with
electronic sensors, controls, and actuators, integrated closely with software,
secure data transfer, and data analysis, to form a comprehensive transportation
solution. Advances in all these areas have contributed to the overall rise of
EV's, but the common thread that runs through all these elements is data
analytics.
                        </p>
                        <div class="text-center text-lg-start">
                            <a href="#" class="btn-read-more d-inline-flex align-items-center
justify-content-center align-self-center">
                                <span>Read More</span>
                                <i class="bi bi-arrow-right"></i>
                            </a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

        <div class="col-lg-6 d-flex align-items-center" data-aos="zoom-out"
data-aos-delay="200">
            
        </div>

    </div>
</div>

</section><!-- End About Section -->

<!-- ===== Values Section ===== -->
<section id="values" class="values">

    <div class="container" data-aos="fade-up">

        <header class="section-header">
            <h2>Dashboard</h2>
            <p>E-Car Start Analytics Dashboard</p>
        </header>

        <div class="row">

            </div>

            <div class='tableauPlaceholder' id='viz1681319664487' style='position:
relative'><noscript><a href='#'><img alt='ELECTRIC CARS ANALYTICS DASHBOARD. '
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style='border: none' /></a></noscript><object
class='tableauViz' style='display:none;'><param name='host_url'
value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed_code_version'
value='3' /> <param name='site_root' value='' /><param name='name'
value='ELECTRICCARSANALYTICSDASHBOARD_/ELECTRICCARSANALYTICSDASHBOARD_'
/><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param
name='static_image'
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ICCARANALYTICSDASHBOARD_/ELECTRICCARSANALYTICSDASHBOARD_/1.png' />
<param name='animate_transition' value='yes' /><param name='display_static_image'
value='yes' /><param name='display_spinner' value='yes' /><param
name='display_overlay' value='yes' /><param name='display_count' value='yes'
/><param name='language' value='en-US' /><param name='filter' value='publish=yes'
/></object></div>
            <script
type='text/javascript'>
                var divElement =
document.getElementById('viz1681319664487');
                var vizElement =

```

```

divElement.getElementsByTagName('object')[0];                if (
divElement.offsetWidth > 800 ) {
vizElement.style.width='1200px';vizElement.style.height='2027px';} else if (
divElement.offsetWidth > 500 ) {
vizElement.style.width='1200px';vizElement.style.height='2027px';} else {
vizElement.style.width='100%';vizElement.style.height='3627px';}
    var scriptElement =
document.createElement('script');                scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';                vizEle
ment.parentNode.insertBefore(scriptElement, vizElement);                </script>
    <!-- ===== Features Section ===== -->
    <section id="features" class="features">

    <div class="container" data-aos="fade-up">

        <header class="section-header">
            <h2>Features</h2>
            <p>There are many different features of our project</p>
        </header>

        <div class="row">

            <div class="col-lg-6">
                
            </div>

            <div class="col-lg-6 mt-5 mt-lg-0 d-flex">
                <div class="row align-self-center gy-4">

                    <div class="col-md-6" data-aos="zoom-out" data-aos-delay="200">
                        <div class="feature-box d-flex align-items-center">
                            <i class="bi bi-check"></i>
                            <h3>Analyse the current stats</h3>
                        </div>
                    </div>

                    <div class="col-md-6" data-aos="zoom-out" data-aos-delay="300">
                        <div class="feature-box d-flex align-items-center">
                            <i class="bi bi-check"></i>
                            <h3>Get to know EV more</h3>
                        </div>
                    </div>

                    <div class="col-md-6" data-aos="zoom-out" data-aos-delay="400">
                        <div class="feature-box d-flex align-items-center">

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        <i class="bi bi-check"></i>
        <h3>Know about Charging Stations</h3>
    </div>
</div>

<div class="col-md-6" data-aos="zoom-out" data-aos-delay="500">
    <div class="feature-box d-flex align-items-center">
        <i class="bi bi-check"></i>
        <h3>Top performing Brands</h3>
    </div>
</div>

<div class="col-md-6" data-aos="zoom-out" data-aos-delay="600">
    <div class="feature-box d-flex align-items-center">
        <i class="bi bi-check"></i>
        <h3>different brands in India</h3>
    </div>
</div>

<div class="col-md-6" data-aos="zoom-out" data-aos-delay="700">
    <div class="feature-box d-flex align-items-center">
        <i class="bi bi-check"></i>
        <h3>different brands Globally</h3>
    </div>
</div>

</div>
</div>

</div> <!-- / row -->

<!-- Feature Tabs -->
<div class="row feture-tabs" data-aos="fade-up">
    <div class="col-lg-6">
        <h3>Overview of Electric Vehicle Sector</h3>

        <!-- Tabs -->
        <ul class="nav nav-pills mb-3">
            <li>
                <a class="nav-link active" data-bs-toggle="pill"
href="#tab1">Overview</a>
            </li>
            <li>
                <a class="nav-link active" data-bs-toggle="pill"
href="#tab2">Pricing</a>

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        </li>
    </ul><!-- End Tabs -->

    <!-- Tab Content -->
    <div class="tab-content">

        <div class="tab-pane fade show active" id="tab1">
            <p>The supply of fossil fuels is constantly decreasing. The
situation is very alarming. It is time for the world to slowly adapt to electric
vehicles. </p>
            <div class="d-flex align-items-center mb-2">
                <i class="bi bi-check2"></i>
                <h4>A lot of change needs to happen</h4>
            </div>
            <p>Major carmakers like Tesla and Porsche manufacture many
electric vehicles. </p>
            <div class="d-flex align-items-center mb-2">
                <i class="bi bi-check2"></i>
                <h4> The improvement of battery technology in recent years has
led to the higher popularity of electric vehicles.</h4>
            </div>
            <p>Buying an electric vehicle can be a great choice for
consumers. The drive quality, low noise levels, and convenience are really
great.</p>
        </div><!-- End Tab 1 Content -->

        <div class="tab-pane fade show" id="tab2">
            <p> In the United States, one year of driving a petrol car can
cost from 1500 USD to 2500 USD.</p>
            <div class="d-flex align-items-center mb-2">
                <i class="bi bi-check2"></i>
                <h4>On the other hand, the driving cost of Electric Vehicles is
500 USD. Electric cars are more preferable.</h4>
            </div>
            <p>The maintenance cost of electric vehicles is also very low.
They are economical to maintain.</p>
            <div class="d-flex align-items-center mb-2">
                <i class="bi bi-check2"></i>
                <h4>The energy conversion efficiency of electric vehicles is
also high.</h4>
            </div>
            <p>Electric vehicles use 60-70% of electrical energy. On the
other hand, vehicles based on internal combustion engines have an efficiency of
18-22% only.The energy cost of manufacturing an electric vehicle is also very
high, but considering everything and the fact that charging electric vehicles is

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very cheap, EVs are a great option. Manufacturing batteries is an important task in the production of Electric vehicles.</p>

</div><!-- End Tab 2 Content -->

</div>

</div>

<div class="col-lg-6">



</div>

</div><!-- End Feature Tabs -->

</div>

</section><!-- End Features Section -->

<!-- ===== Services Section ===== -->

<section id="services" class="services">

<div class="container" data-aos="fade-up">

<header class="section-header">

<h2>Story</h2>

<p>Electric vehicles Analytics Story</p>

</header>

<div class="row gy-4">

<div class='tableauPlaceholder' id='viz1681321128662' style='position: relative'><noscript><a href='#'><img alt='STORY OF ELECTRIC CARS IN INDIA. ' src='https://public.tableau.com/static/images/ST/STORYOFELECTRICCARSININDIA\_/STORYOFELECTRICCARSININDIA\_/1\_rss.png' style='border: none' /></a></noscript><object class='tableauViz' style='display:none;'><param name='host\_url' value='https%3A%2F%2Fpublic.tableau.com%2F' /> <param name='embed\_code\_version' value='3' /> <param name='site\_root' value='' /><param name='name' value='STORYOFELECTRICCARSININDIA\_/STORYOFELECTRICCARSININDIA\_' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static\_image' value='https://public.tableau.com/static/images/ST/STORYOFELECTRICCARSININDIA\_/STORYOFELECTRICCARSININDIA\_/1.png' /> <param

```

name='animate_transition' value='yes' /><param name='display_static_image'
value='yes' /><param name='display_spinner' value='yes' /><param
name='display_overlay' value='yes' /><param name='display_count' value='yes'
/><param name='language' value='en-US' /><param name='filter' value='publish=yes'
/></object></div>
<script
type='text/javascript'>
var divElement =
document.getElementById('viz1681321128662');
divElement.getElementsByTagName('object')[0];
divElement.style.width='1016px';vizElement.style.height='991px';
scriptElement =
document.createElement('script');
scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
</script>

</div>

</div>

</section><!-- End Services Section -->

<!-- ===== Testimonials Section ===== -->
<section id="testimonials" class="testimonials">

<div class="container" data-aos="fade-up">

<header class="section-header">
<h2>Testimonials</h2>
<p>What they are saying about us</p>
</header>

<div class="testimonials-slider swiper" data-aos="fade-up" data-aos-
delay="200">
<div class="swiper-wrapper">

<div class="swiper-slide">
<div class="testimonial-item">
<div class="stars">
<i class="bi bi-star-fill"></i><i class="bi bi-star-
fill"></i><i class="bi bi-star-fill"></i><i class="bi bi-star-fill"></i>
class="bi bi-star-fill"></i>
</div>
<p>
Proin iaculis purus consequat sem cure digni ssim donec
porttitora entum suscipit rhoncus. Accusantium quam, ultricies eget id, aliquam
eget nibh et. Maecen aliquam, risus at semper.

```

```

        </p>
        <div class="profile mt-auto">
            
            <h3>Saul Goodman</h3>
            <h4>Ceo & Founder</h4>
        </div>
    </div>
</div><!-- End testimonial item -->

    <div class="swiper-slide">
        <div class="testimonial-item">
            <div class="stars">
                <i class="bi bi-star-fill"></i><i class="bi bi-star-
fill"></i><i class="bi bi-star-fill"></i><i class="bi bi-star-fill"></i><i
class="bi bi-star-fill"></i>
            </div>
            <p>
                Export tempor illum tamen malis malis eram quae irure esse
labore quem cillum quid cillum eram malis quorum velit fore eram velit sunt
aliqua noster fugiat irure amet legam anim culpa.
            </p>
            <div class="profile mt-auto">
                
                <h3>Sara Wilsson</h3>
                <h4>Designer</h4>
            </div>
        </div>
    </div><!-- End testimonial item -->

    <div class="swiper-slide">
        <div class="testimonial-item">
            <div class="stars">
                <i class="bi bi-star-fill"></i><i class="bi bi-star-
fill"></i><i class="bi bi-star-fill"></i><i class="bi bi-star-fill"></i><i
class="bi bi-star-fill"></i>
            </div>
            <p>
                Enim nisi quem export dui labore cillum quae magna enim sint
quorum nulla quem veniam dui minim tempor labore quem eram dui noster aute amet
eram fore quis sint minim.
            </p>
            <div class="profile mt-auto">

```

```

        
        <h3>Jena Karlis</h3>
        <h4>Store Owner</h4>
    </div>
</div>
</div><!-- End testimonial item -->

<div class="swiper-slide">
    <div class="testimonial-item">
        <div class="stars">
            <i class="bi bi-star-fill"></i><i class="bi bi-star-
fill"></i><i class="bi bi-star-fill"></i><i class="bi bi-star-fill"></i><i
class="bi bi-star-fill"></i>
        </div>
        <p>
            Fugiat enim eram quae cillum dolore dolor amet nulla culpa
multos export minim fugiat minim velit minim dolor enim duis veniam ipsum anim
magna sunt elit fore quem dolore labore illum veniam.
        </p>
        <div class="profile mt-auto">
            
            <h3>Matt Brandon</h3>
            <h4>Freelancer</h4>
        </div>
    </div>
</div><!-- End testimonial item -->

<div class="swiper-slide">
    <div class="testimonial-item">
        <div class="stars">
            <i class="bi bi-star-fill"></i><i class="bi bi-star-
fill"></i><i class="bi bi-star-fill"></i><i class="bi bi-star-fill"></i><i
class="bi bi-star-fill"></i>
        </div>
        <p>
            Quis quorum aliqua sint quem legam fore sunt eram irure aliqua
veniam tempor noster veniam enim culpa labore duis sunt culpa nulla illum cillum
fugiat legam esse veniam culpa fore nisi cillum quid.
        </p>
        <div class="profile mt-auto">
            
            <h3>John Larson</h3>

```



```

        <h4>Entrepreneur</h4>
    </div>
</div>
</div><!-- End testimonial item -->

</div>
<div class="swiper-pagination"></div>
</div>

</div>

</section><!-- End Testimonials Section -->

<!-- ===== Team Section ===== -->
<section id="team" class="team">

    <div class="container" data-aos="fade-up">

        <header class="section-header">
            <h2>Team</h2>
            <p>Our hard working team</p>
        </header>

        <div class="row gy-4">

            <div class="col-lg-3 col-md-6 d-flex align-items-stretch" data-
aos="fade-up" data-aos-delay="100">
                <div class="member">
                    <div class="member-img">
                        
                        <div class="social">
                            <a href=""><i class="bi bi-twitter"></i></a>
                            <a href=""><i class="bi bi-facebook"></i></a>
                            <a href=""><i class="bi bi-instagram"></i></a>
                            <a href=""><i class="bi bi-linkedin"></i></a>
                        </div>
                    </div>
                    <div class="member-info">
                        <h4>Walter White</h4>
                        <span>Chief Executive Officer</span>
                        <p>Velit aut quia fugit et et. Dolorum ea voluptate vel tempore
tenetur ipsa quae aut. Ipsum exercitationem iure minima enim corporis et
voluptate.</p>
                    </div>
                </div>
            </div>

```

```

    </div>

    <div class="col-lg-3 col-md-6 d-flex align-items-stretch" data-
aos="fade-up" data-aos-delay="200">
      <div class="member">
        <div class="member-img">
          
          <div class="social">
            <a href=""><i class="bi bi-twitter"></i></a>
            <a href=""><i class="bi bi-facebook"></i></a>
            <a href=""><i class="bi bi-instagram"></i></a>
            <a href=""><i class="bi bi-linkedin"></i></a>
          </div>
        </div>
        <div class="member-info">
          <h4>Sarah Jhonson</h4>
          <span>Product Manager</span>
          <p>Quo esse repellendus quia id. Est eum et accusantium pariatur
fugit nihil minima suscipit corporis. Voluptate sed quas reiciendis animi neque
sapiente.</p>
        </div>
      </div>
    </div>

    <div class="col-lg-3 col-md-6 d-flex align-items-stretch" data-
aos="fade-up" data-aos-delay="300">
      <div class="member">
        <div class="member-img">
          
          <div class="social">
            <a href=""><i class="bi bi-twitter"></i></a>
            <a href=""><i class="bi bi-facebook"></i></a>
            <a href=""><i class="bi bi-instagram"></i></a>
            <a href=""><i class="bi bi-linkedin"></i></a>
          </div>
        </div>
        <div class="member-info">
          <h4>William Anderson</h4>
          <span>CTO</span>
          <p>Vero omnis enim consequatur. Voluptas consectetur unde qui
molestiae deserunt. Voluptates enim aut architecto porro aspernatur molestiae
modi.</p>
        </div>
      </div>
    </div>
  </div>

```

```

        <div class="col-lg-3 col-md-6 d-flex align-items-stretch" data-
aos="fade-up" data-aos-delay="400">
            <div class="member">
                <div class="member-img">
                    
                    <div class="social">
                        <a href=""><i class="bi bi-twitter"></i></a>
                        <a href=""><i class="bi bi-facebook"></i></a>
                        <a href=""><i class="bi bi-instagram"></i></a>
                        <a href=""><i class="bi bi-linkedin"></i></a>
                    </div>
                </div>
                <div class="member-info">
                    <h4>Amanda Jepson</h4>
                    <span>Accountant</span>
                    <p>Rerum voluptate non adipisci animi distinctio et deserunt amet
voluptas. Quia aut aliquid doloremque ut possimus ipsum officia.</p>
                </div>
            </div>
        </div>

</div>

</section><!-- End Team Section -->

<!-- ===== Contact Section ===== -->
<section id="contact" class="contact">

    <div class="container" data-aos="fade-up">

        <header class="section-header">
            <h2>Contact</h2>
            <p>Contact Us</p>
        </header>

        <div class="row gy-4">

            <div class="col-lg-6">

                <div class="row gy-4">
                    <div class="col-md-6">
                        <div class="info-box">

```

```

        <i class="bi bi-geo-alt"></i>
        <h3>Address</h3>
        <p>The Smartbridge<br>Hyderabad, Telangana</p>
    </div>
</div>
<div class="col-md-6">
    <div class="info-box">
        <i class="bi bi-telephone"></i>
        <h3>Call Us</h3>
        <p>+1 5589 55488 55<br>+1 6678 254445 41</p>
    </div>
</div>
<div class="col-md-6">
    <div class="info-box">
        <i class="bi bi-envelope"></i>
        <h3>Email Us</h3>
        <p>info@example.com<br>contact@example.com</p>
    </div>
</div>
<div class="col-md-6">
    <div class="info-box">
        <i class="bi bi-clock"></i>
        <h3>Open Hours</h3>
        <p>Monday - Friday<br>9:00AM - 07:00PM</p>
    </div>
</div>
</div>

<div class="col-lg-6">
    <div class="mapouter">
        <div class="gmap_canvas">
            <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3806.4996128125663!2d78.357789414877!3d17.435785388049602!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3bcb93ccf4ea7cc1%3A0xebff7843c5e1e33f!2sStacknexus%20Technologies%20Pvt%20Ltd!5e0!3m2!1sen!2sin!4v1671649820075!5m2!1sen!2sin" width="600" height="450" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe>
            </div>
            <style>.mapouter{position:relative;text-align:right;width:600px;height:400px;}.gmap_canvas{overflow:hidden;background:none!important;width:600px;height:400px;}.gmap_iframe{width:600px!important;height:400px!important;}</style>

```

```

        </div>

    </div>

</div>

</div>

</section><!-- End Contact Section -->

</main><!-- End #main -->

<!-- ===== Footer ===== -->
<footer id="footer" class="footer">

    <div class="footer-top">
        <div class="container">
            <div class="row gy-4">
                <div class="col-lg-5 col-md-12 footer-info">
                    <a href="index.html" class="logo d-flex align-items-center">
                        
                        <span>E-CarStart</span>
                    </a>
                    <p>We offer modern Analytics solutions for Electric Vehicles.</p>
                    <div class="social-links mt-3">
                        <a href="#" class="twitter"><i class="bi bi-twitter"></i></a>
                        <a href="#" class="facebook"><i class="bi bi-facebook"></i></a>
                        <a href="#" class="instagram"><i class="bi bi-instagram"></i></a>
                        <a href="#" class="linkedin"><i class="bi bi-linkedin"></i></a>
                    </div>
                </div>

                <div class="col-lg-2 col-6 footer-links">
                    <h4>Useful Links</h4>
                    <ul>
                        <li><i class="bi bi-chevron-right"></i> <a href="#">Home</a></li>
                        <li><i class="bi bi-chevron-right"></i> <a href="#">About
us</a></li>
                        <li><i class="bi bi-chevron-right"></i> <a
href="#">Services</a></li>
                        <li><i class="bi bi-chevron-right"></i> <a
href="#">Dashboard</a></li>
                        <li><i class="bi bi-chevron-right"></i> <a href="#">Story</a></li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

    </div>

    <div class="col-lg-2 col-6 footer-links">
        <h4>Our Services</h4>
        <ul>
            <li><i class="bi bi-chevron-right"></i> <a
href="https://www.thesmartbridge.com/">Web Design</a></li>
            <li><i class="bi bi-chevron-right"></i> <a
href="https://www.thesmartbridge.com/">Web Development</a></li>
            <li><i class="bi bi-chevron-right"></i> <a
href="https://www.thesmartbridge.com/">Product Management</a></li>
            <li><i class="bi bi-chevron-right"></i> <a
href="https://www.thesmartbridge.com/">Marketing</a></li>
            <li><i class="bi bi-chevron-right"></i> <a
href="https://www.thesmartbridge.com/">Graphic Design</a></li>
        </ul>
    </div>

    <div class="col-lg-3 col-md-12 footer-contact text-center text-md-
start">
        <h4>Contact Us</h4>
        <p>
            The Smartbridge <br>
            Hyderabad<br>
            Telangana<br><br>
            <strong>Phone:</strong> +1 5589 55488 55<br>
            <strong>Email:</strong> info@example.com<br>
        </p>

    </div>

    </div>
</div>
</div>

<div class="container">
    <div class="copyright">
        &copy; Copyright <strong><span>Smartbridge</span></strong>. All Rights
Reserved
    </div>
</div>
</footer><!-- End Footer -->

    <a href="#" class="back-to-top d-flex align-items-center justify-content-
center"><i class="bi bi-arrow-up-short"></i></a>

```

```
<!-- Vendor JS Files -->
<script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

</html>
```