Visualization Tool for Electric Vehicle Charge and Range Analysis

INTRODUCTION

There are several great visualization tools available for electric vehicle charge and range analysis.

ABRP (A Better Routeplanner): This tool allows you to plan your electric vehicle road trips by analyzing your car's range, charging time, and traffic conditions. It provides you with real-time charging station data and helps you optimize your route to ensure you reach your destination without any hassle.

1.1-overview

The purpose of electric vehicle charge and range analysis is to determine the optimal charging strategy that maximizes the range of an electric vehicle, while also minimizing the time required to charge the vehicle.

1.2-purpose

This analysis involves understanding the vehicle's energy consumption, the available charging infrastructure, and the driver's travel patterns to determine the most efficient way to charge the vehicle. By optimizing the charging strategy, electric vehicle owners can ensure that they have enough range to complete their trips, while also reducing their overall charging costs and minimizing the environmental impact of their vehicle.
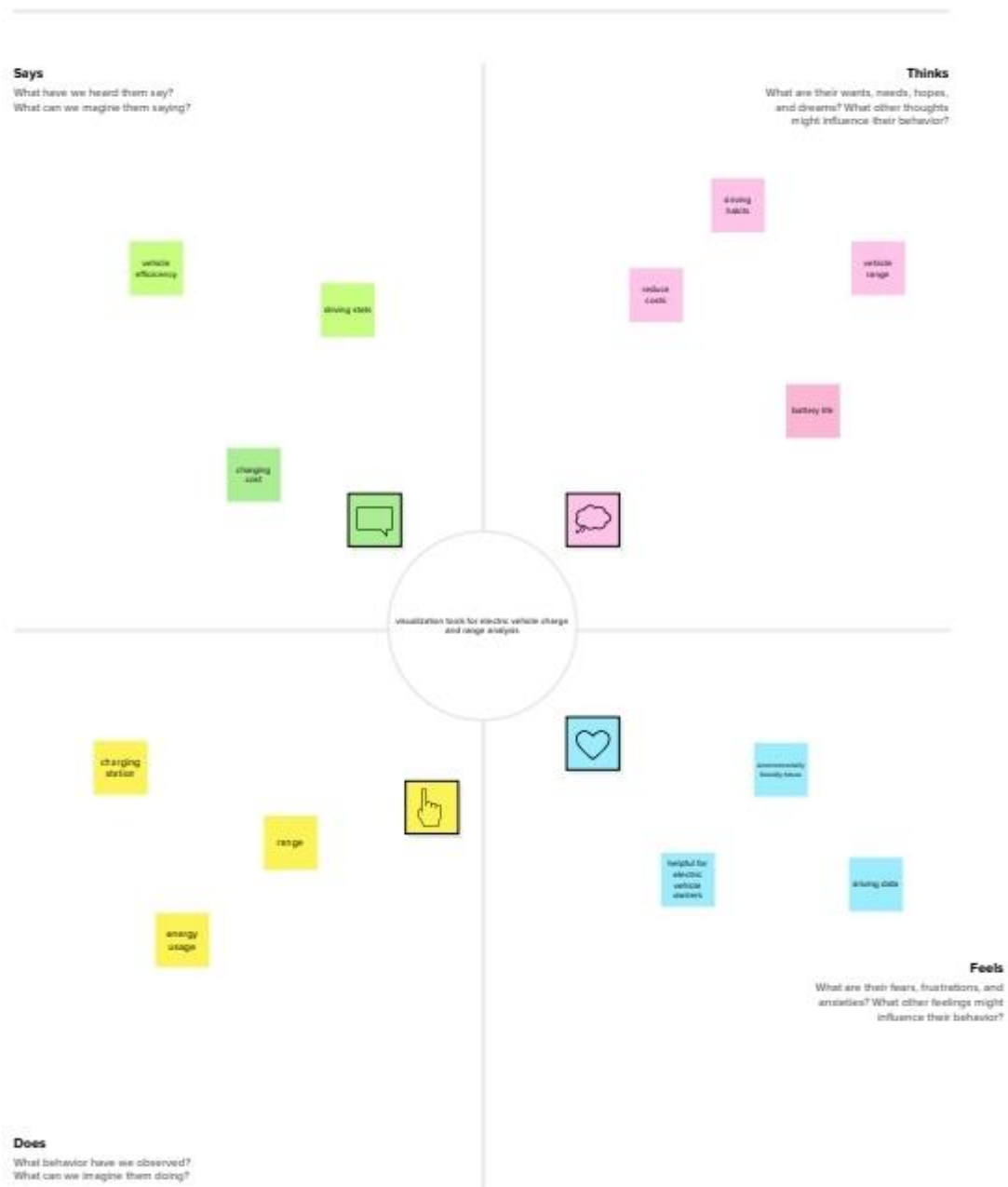
2.Problem Definition & Design Thinking

The problem with electric vehicles is that they have limited range, which can be a concern for drivers who are used to the long range provided by gasoline-powered vehicles. To address this problem, a design thinking approach can be used to develop an effective charging and range analysis solution. The first step is define the problem Once potential solutions have been identified, the next step is to prototype and test them. Overall, a design thinking approach can help to ensure that electric vehicle charging and range analysis solutions are effective, user-friendly, and sustainable.

2.1 Empathy map

Says
What have we heard them say?
What can we imagine them saying?

Thinks
What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

vehicle efficiency

driving stats

charging cost

driving habits

reduce costs

vehicle range

battery life

visualization tools for electric vehicle charge and range analysis

charging station

range

energy usage

environmentally friendly focus

helpful for electric vehicle owners

driving data

Feels
What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

Does
What behavior have we observed?
What can we imagine them doing?

2.2-Ideation & Brain Storming Map

3. Result

3.1-Data collection & Extraction from database

To perform electric vehicle charge and range analysis, relevant data needs to be collected and extracted from various sources, such as:

1.Vehicle Data: This includes vehicle make and model, battery size, energy consumption rate, and charging capacity.

2.Charging Infrastructure Data: This includes the location and type of charging stations, charging time, and charging cost.

3.Geographic Data: This includes the driver's travel patterns, traffic conditions, and road topography.

4.Weather Data: This includes temperature, humidity, and wind speed, which can affect the electric vehicle's range and energy consumption.
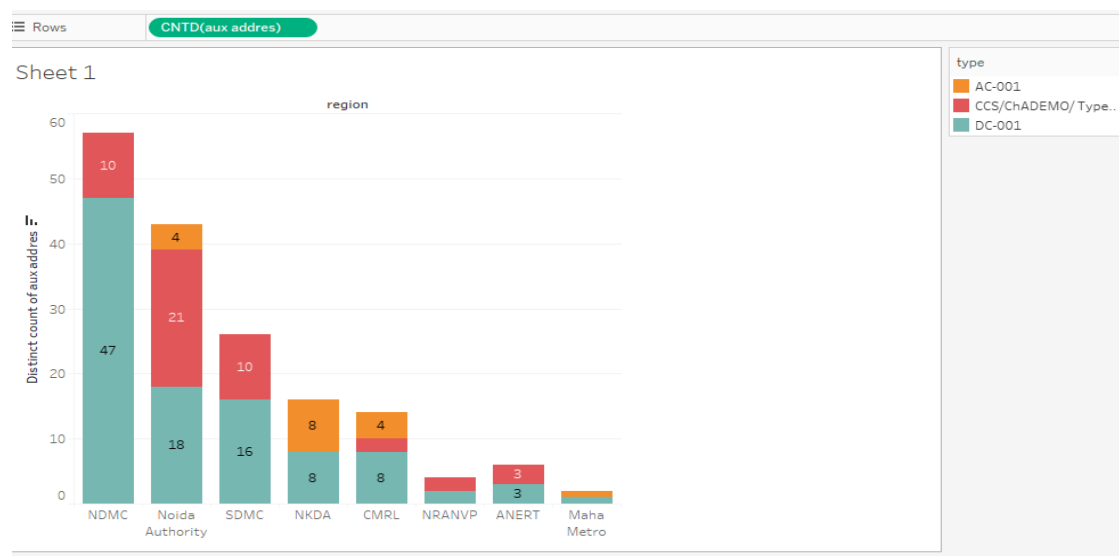
To extract and collect this data, various methods can be used such as:

1.Vehicle Telemetry: Many electric vehicles are equipped with onboard telemetry systems that can provide data on energy consumption, battery life, and charging cycles.

2.Public Databases: There are many public databases available that provide information on charging infrastructure, such as Open Charge Map.
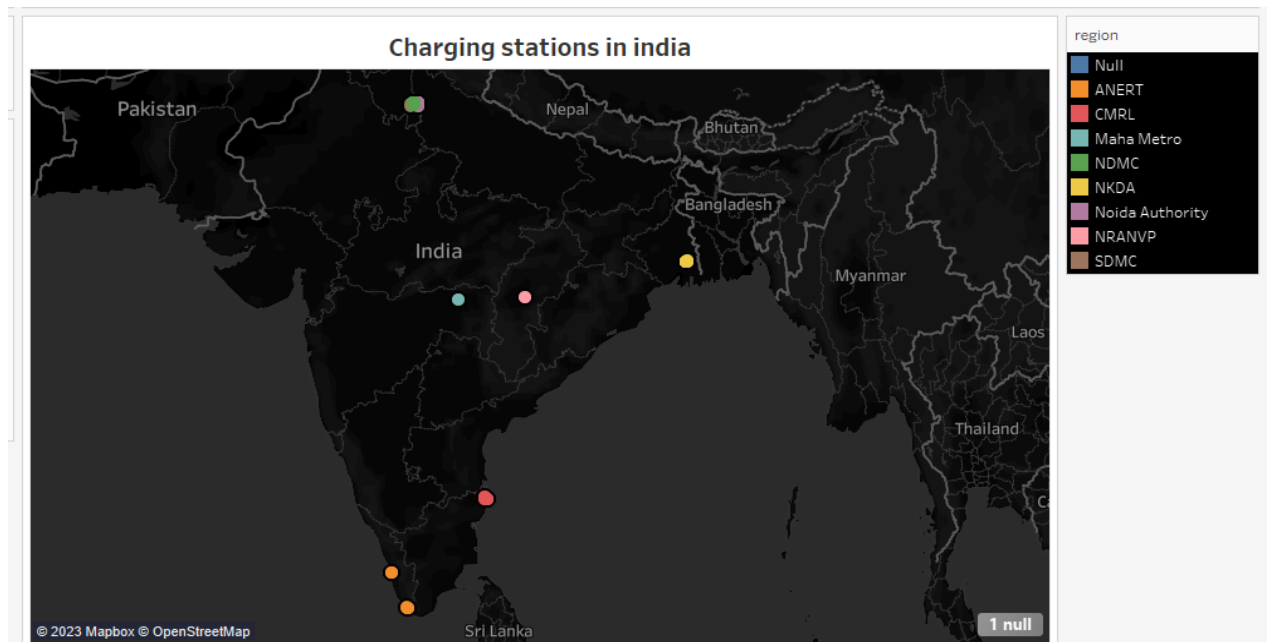
3.2 Data Visualization

Data visualization is the process of creating graphical representations of data in order to help people understand and explore the information. The goal of data visualization is to make complex data sets more accessible, intuitive, and easier to interpret. By using visual elements such as charts, graphs, and maps, data visualizations.
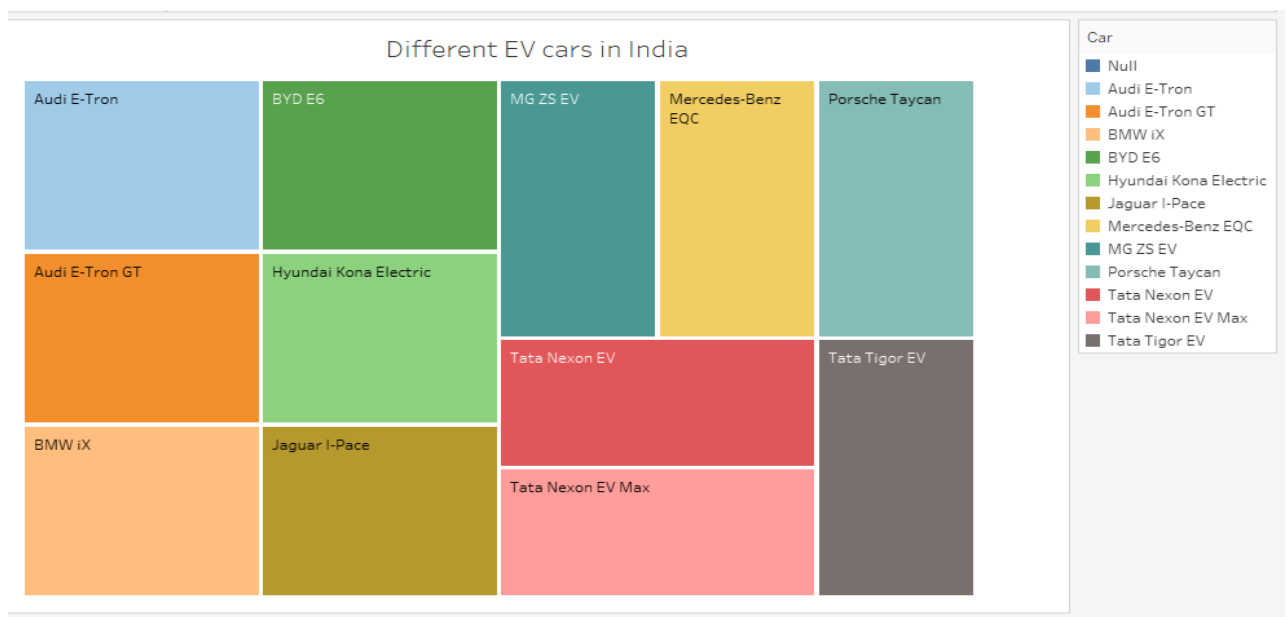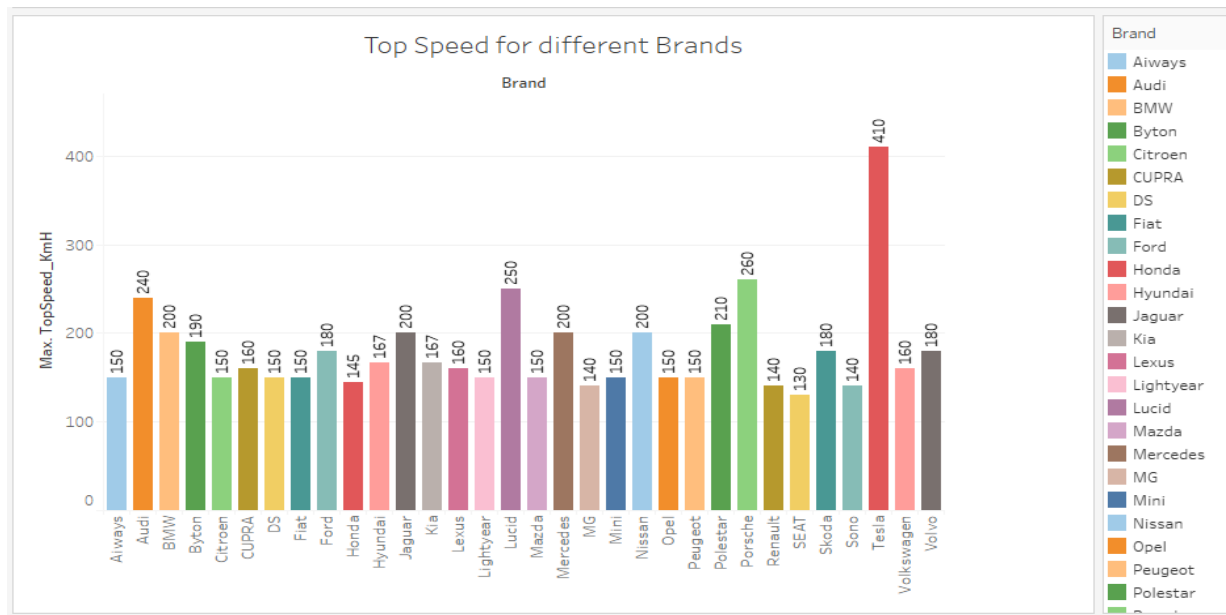
3.2.1-Sheet 1



3.2.2-Charging stations in india

Charging stations in india

region
- Null
- ANERT
- CMRL
- Maha Metro
- NDMC
- NKDA
- Noida Authority
- NRANVP
- SDMC

1 null

© 2023 Mapbox © OpenStreetMap

3.2.3-Different EV cars in india

Different EV cars in India

Car
- Null
- Audi E-Tron
- Audi E-Tron GT
- BMW iX
- BYD E6
- Hyundai Kona Electric
- Jaguar I-Pace
- Mercedes-Benz EQC
- MG ZS EV
- Porsche Taycan
- Tata Nexon EV
- Tata Nexon EV Max
- Tata Tigor EV

3.2.4-Top speed for different brands

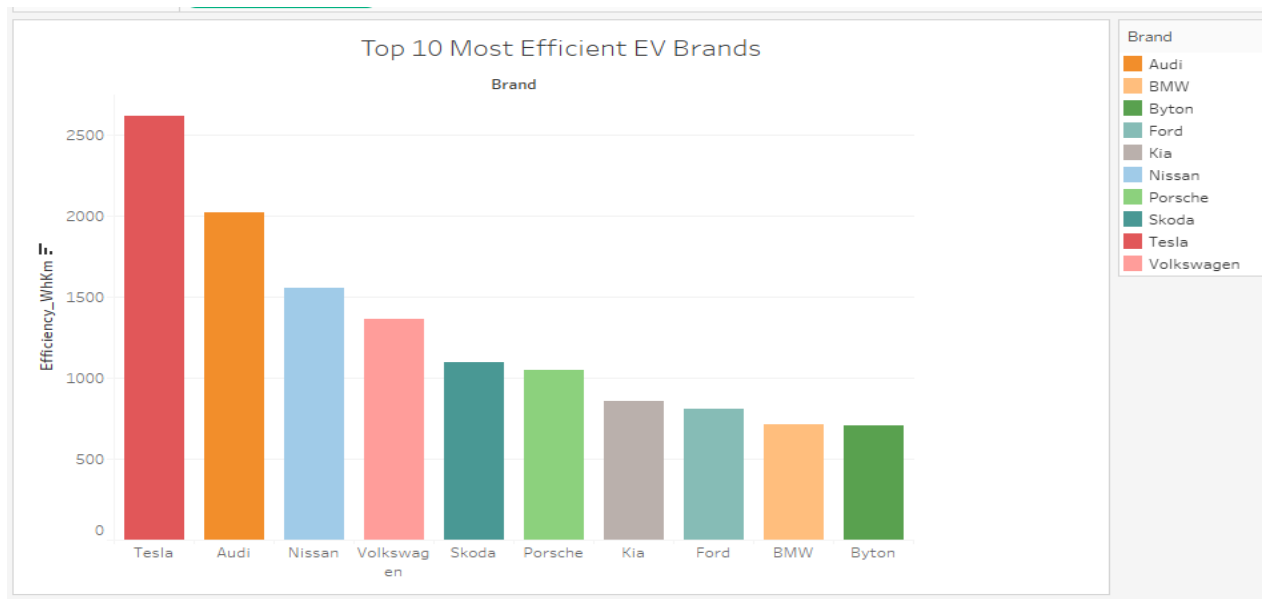Top Speed for different Brands

3.2.5-Price for different cars in india

Price for different cars in India

3.2.6-Top 10 most efficient EV brands
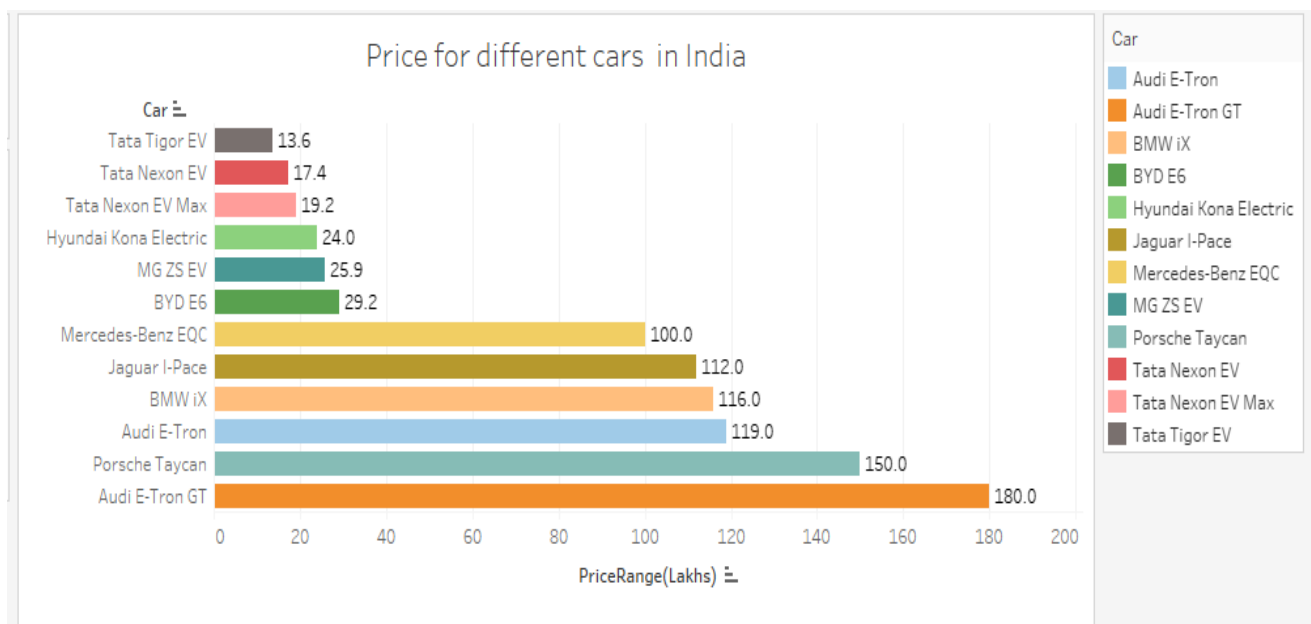
Top 10 Most Efficient EV Brands

3.2.7-Brands according to body style
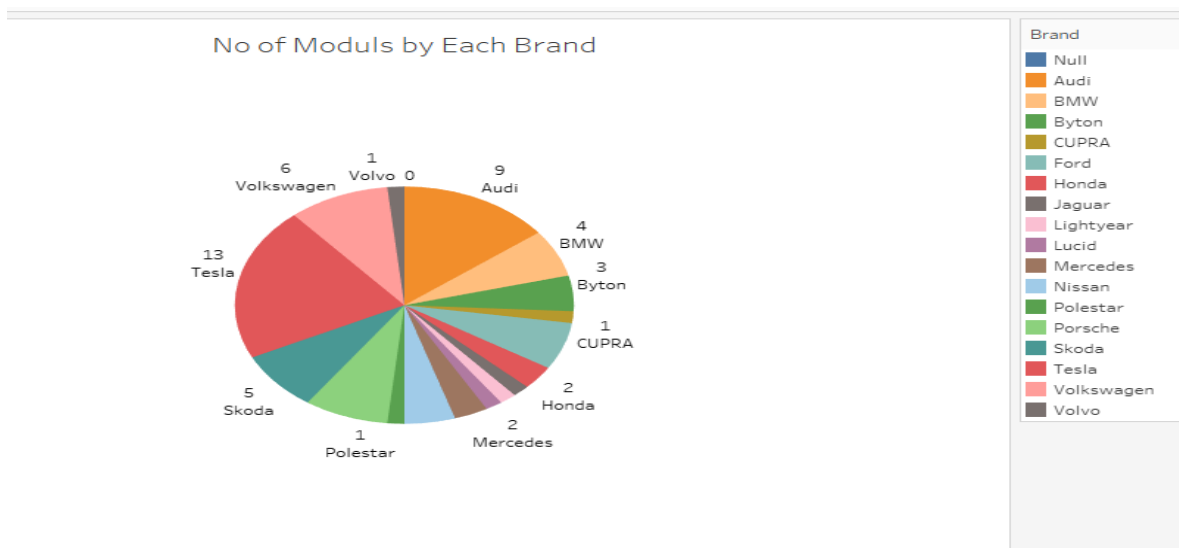

Brands According to Body Style
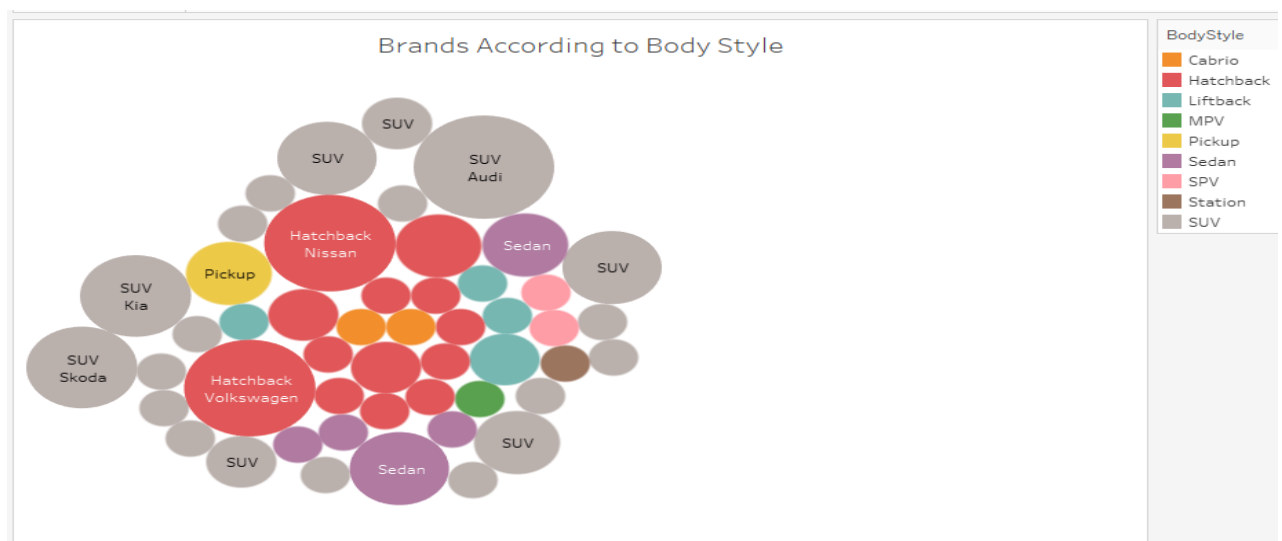
3.2.8-Brand filtered by powertrain type
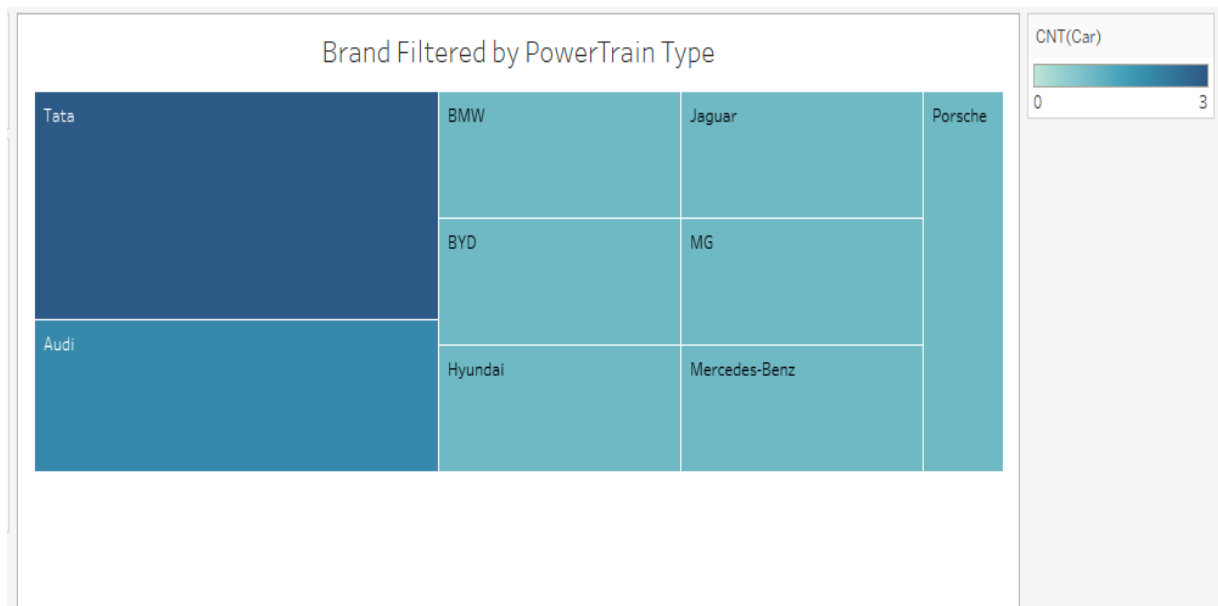
3.2.9-No of modulus by each brand

3.2.10-Summary card for different brands of EV cars globally

summary card for different brands of EV cars Globally

32

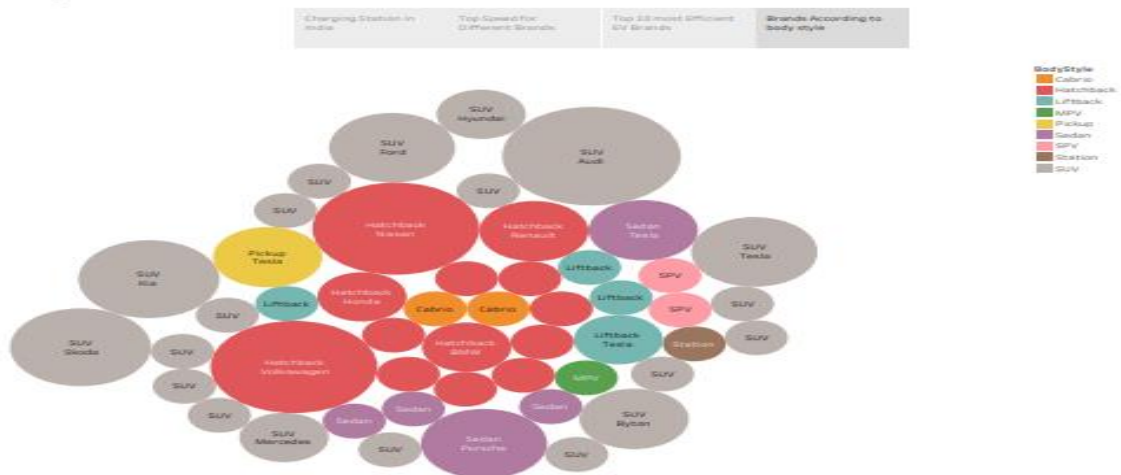# 3.2.11-Story of electric vehicle in india

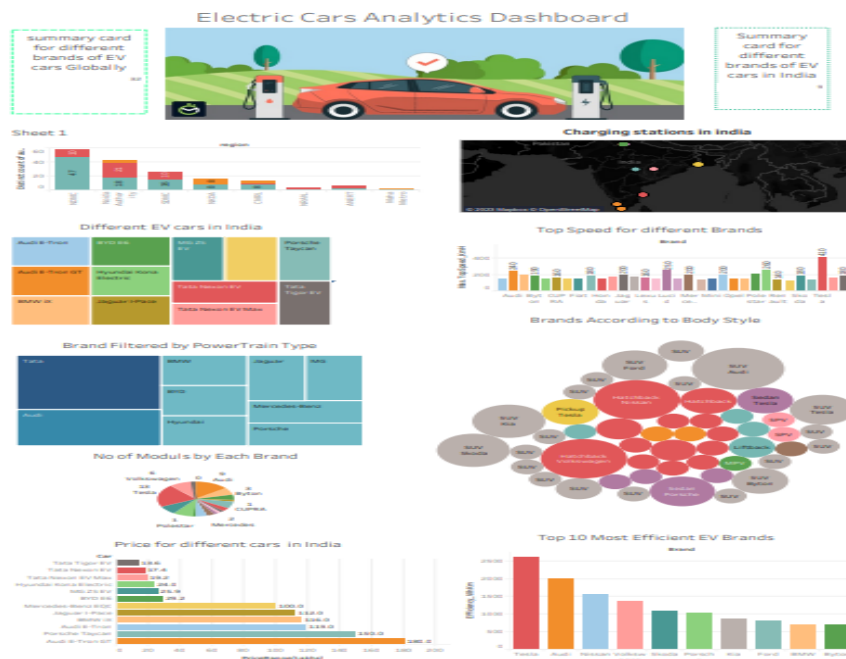3.2-.Story

Story of electric vehicle in india
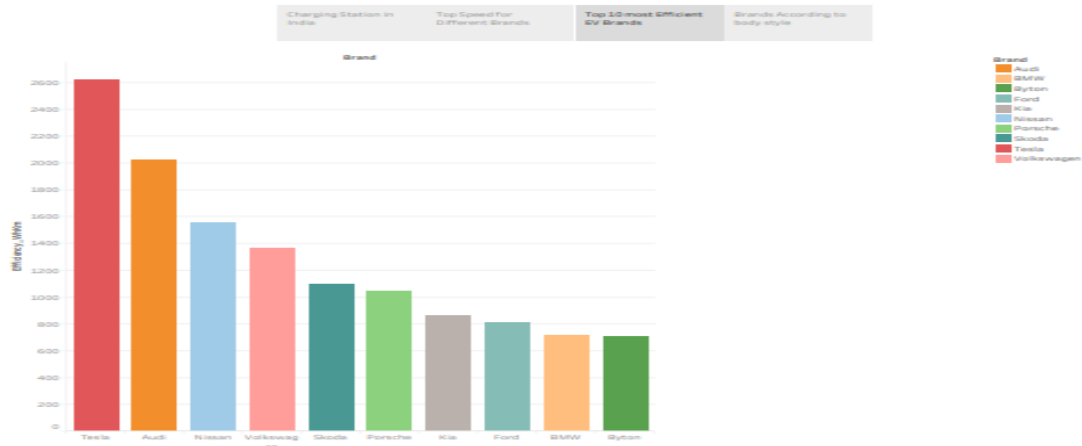
Story of electric vehicle in india

3.3 Dashboard

A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data, and are typically designed for a specific purpose or use case

4-ADVANTAGES:

Here are some of the advantages of using a visualization tool for electric vehicle charge and range analysis:

1.Improved accuracy and efficiency: By using a visualization tool, you can quickly and accurately analyze data related to electric vehicle charge and range. This can help you identify potential issues or opportunities for improvement and take action more quickly.

2.Better decision-making: Visualization tools can help you make more informed decisions about electric vehicle charging and range. By presenting data in an easy-to-understand format, visualization tools make it easier to identify trends and patterns that may not be immediately obvious from raw data.

3.Increased transparency: Visualization tools can help promote transparency and accountability in electric vehicle charging and range analysis. By providing access to accurate and up-to-date data, stakeholders can make more informed decisions and have greater confidence in the accuracy and reliability of the data.

4.More effective communication: Visualization tools can help simplify complex data and make it easier to communicate insights to stakeholders. This can be

particularly useful when discussing technical or complex topics with non-technical stakeholders.

5.Scalability: Visualization tools can be scaled to fit the needs of different organizations, from small startups to large corporations. This means that organizations of all sizes can benefit from the advantages of visualization tools for electric vehicle charge and range analysis.

DISADVANTAGES:

here are some of the potential disadvantages of using a visualization tool for electric vehicle charge and range analysis:

1.Data overload: One of the key challenges of visualization tools is that they can sometimes present too much information at once, leading to information overload. This can be particularly challenging when dealing with complex data related to electric vehicle charge and range.

2.Technical limitations: Visualization tools may require specific technical expertise to set up and use effectively. This can be a challenge for organizations that do not have the necessary technical skills or resources.

3.Integration challenges: Integration with different data sources and systems can be challenging, particularly when dealing with older or proprietary systems. This may require significant development resources to overcome.

4.Data privacy concerns: Visualization tools often require access to sensitive data related to electric vehicle charging and range. This can raise concerns around data privacy and security, particularly when dealing with information related to individual drivers.

5.Cost and resource requirements: Developing and implementing a visualization tool for electric vehicle charge and range analysis can be expensive and time-consuming. This can be a challenge for organizations with limited resources or budgets.

5.APPLICATION

The application of electric vehicle charge and range analysis can help electric vehicle drivers to optimize their charging strategy, maximize their range, and minimize their charging costs. Here are some specific applications of this analysis:

1.Route Planning: Using charging infrastructure data and geographic data, electric vehicle drivers can plan their routes to ensure that they have adequate charging opportunities along the way, allowing them to complete their trips without running out of power.

2.Charging Optimization: By analyzing vehicle data and charging infrastructure data, electric vehicle drivers can optimize their charging strategy to minimize charging time and costs, while also maximizing their range.

3.Battery Management: By monitoring battery life and usage patterns, electric vehicle drivers can better manage their batteries and prolong their lifespan, reducing the overall cost of ownership.

4.Fleet Management: Electric vehicle charge and range analysis can be applied to fleet management, allowing fleet operators to optimize their charging and routing strategies, reduce downtime, and improve overall efficiency.

Overall, electric vehicle charge and range analysis is a key tool for promoting the widespread adoption of electric vehicles, as it helps to ensure that electric vehicles are efficient, reliable, and cost-effective for drivers and fleet operators alike.

6.CONCLUSION

In conclusion, electric vehicle charge and range analysis is crucial for promoting the adoption of electric vehicles and ensuring that they are efficient, reliable, and cost-effective. This analysis involves collecting and extracting data on vehicle energy consumption, driving patterns, charging infrastructure, and weather conditions, among other factors, and analyzing this data to optimize the

vehicle's charging strategy and range. By optimizing the charging strategy, electric vehicle owners can ensure that they have enough range to complete their trips, while also reducing their overall charging costs and minimizing the environmental impact of their vehicle.

7.FUTURE SCOPES OF ELECTRICAL CARS:

Here are some potential future scopes for visualization tools for electric vehicle charge and range analysis:

Integration with smart grid technologies:

As electric vehicle charging infrastructure becomes more widespread, there is an increasing need to integrate with smart grid technologies to optimize charging and reduce overall energy consumption. Future visualization tools may need to incorporate data from smart grid technologies to provide a more accurate picture of overall energy usage and charging patterns.

Predictive analytics:

Visualization tools may increasingly need to incorporate predictive analytics capabilities to help predict trends and forecast electric vehicle charging and range needs. This can help organizations adjust charging infrastructure and operations proactively, rather than reactively.

Improved user interfaces:

User interfaces for visualization tools are likely to become more sophisticated and user-friendly, incorporating features such as voice-activated commands and augmented reality overlays to provide a more immersive and intuitive experience for users.

Integration with autonomous vehicle technologies:

As autonomous vehicle technologies become more widespread, visualization tools may need to incorporate data related to vehicle autonomy and artificial intelligence to provide a more complete picture of charging and range needs.

Machine learning and artificial intelligence: Finally, visualization tools may increasingly incorporate machine learning and artificial intelligence capabilities to identify patterns and trends in data related to electric vehicle charging and range. This can help organizations gain new insights into their charging operations and optimize charging infrastructure and operations over time.

8.WEB INTEGARATION
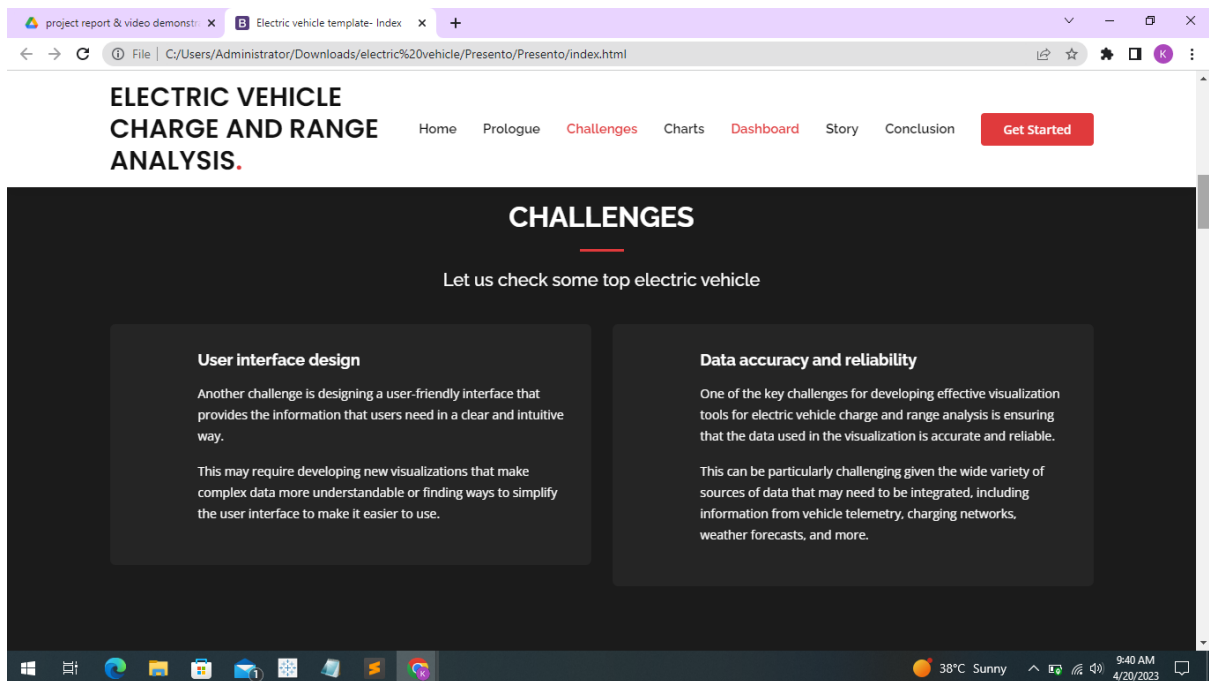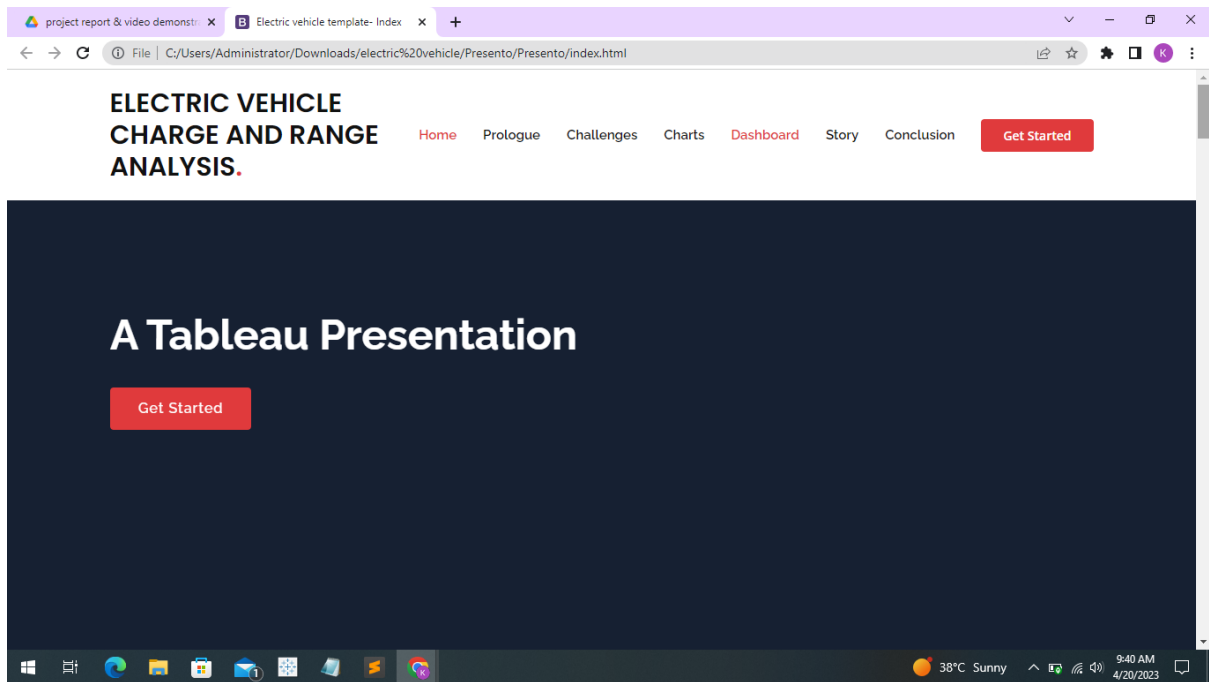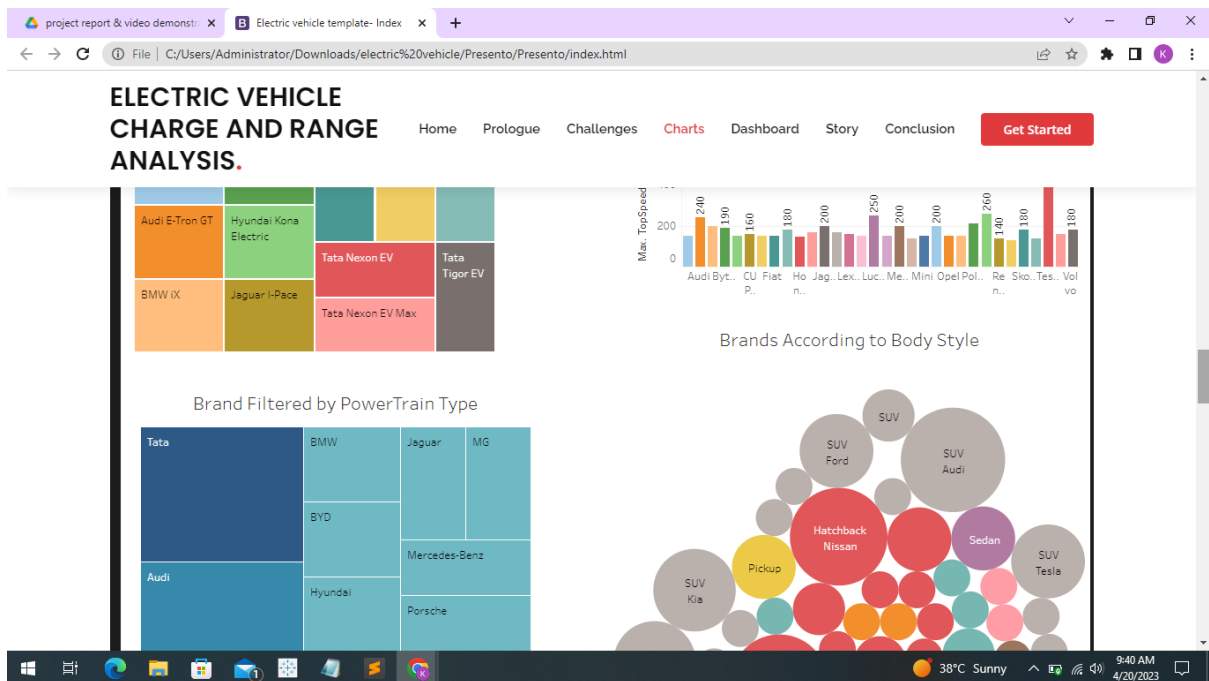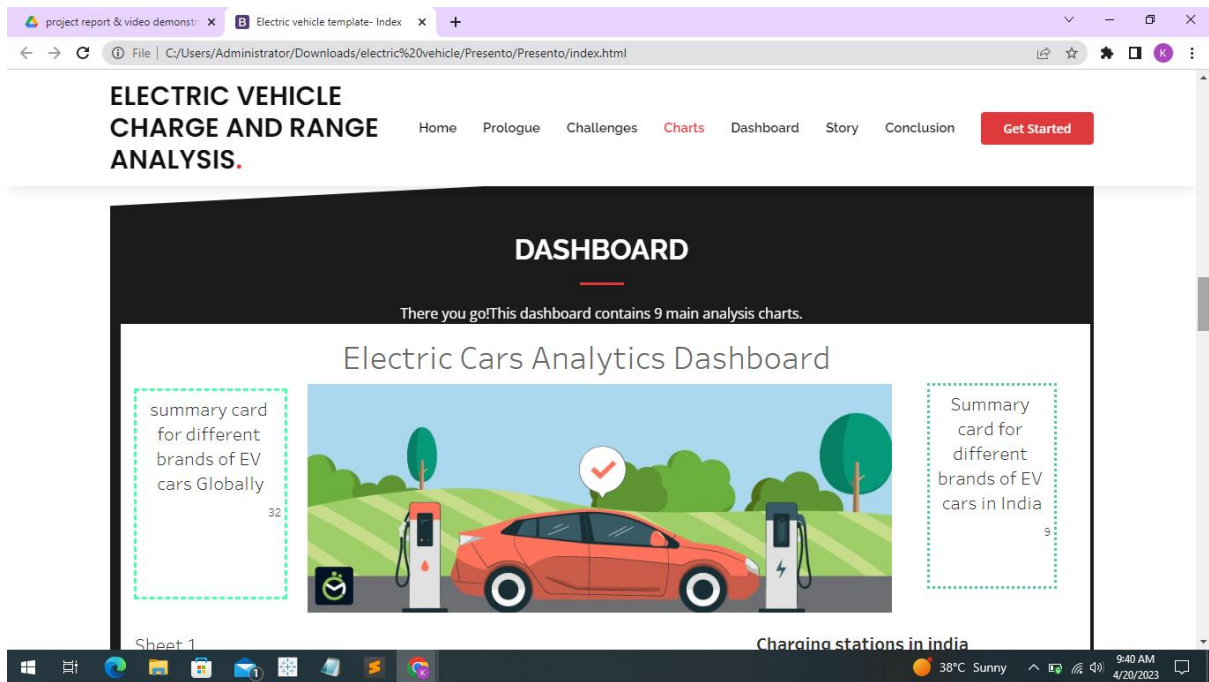
9.APPENTIX

Html source code:

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

  <title>Electric vehicle template- Index</title>
  <meta content="" name="description">
  <meta content="" name="keywords">

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

```html
    <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,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,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/boxicons/css/boxicons.min.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: Presento
    * Updated: Mar 10 2023 with Bootstrap v5.2.3
    * Template URL: https://bootstrapmade.com/presento-bootstrap-corporate-template/
    * Author: BootstrapMade.com
    * License: https://bootstrapmade.com/license/
    ======================================================== -->
</head>
```

```html
<body>

  <!-- ======= Header ======= -->
  <header id="header" class="fixed-top d-flex align-items-center">
    <div class="container d-flex align-items-center">

      <h1 class="logo me-auto"><a href="index.html">ELECTRIC VEHICLE
CHARGE AND RANGE ANALYSIS<span>.</span></a></h1>
      <!-- Uncomment below if you prefer to use an image logo -->
      <!-- <a href="index.html" class="logo me-auto"><img src="assets/img/logo.png"
alt=""></a>-->

      <nav id="navbar" class="navbar order-last order-lg-0">
        <ul>
          <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
          <li><a class="nav-link scrollto" href="#about">Prologue</a></li>
          <li><a class="nav-link scrollto" href="#services">Challenges</a></li>
          <li><a class="nav-link scrollto " href="#portfolio">Charts</a></li>
          <li><a class="nav-link scrollto" href="#pricing">Dashboard</a></li>
          <li><a class="nav-link scrollto" href="#team">Story</a></li>
          <li><a class="nav-link scrollto" href="#conclusion">Conclusion</a></li>
        </ul>
        <i class="bi bi-list mobile-nav-toggle"></i>
      </nav><!-- .navbar -->

      <a href="#about" class="get-started-btn scrollto">Get Started</a>
    </div>
  </header><!-- End Header -->

  <!-- ======= Hero Section ======= -->
  <section id="hero" class="d-flex align-items-center">
```
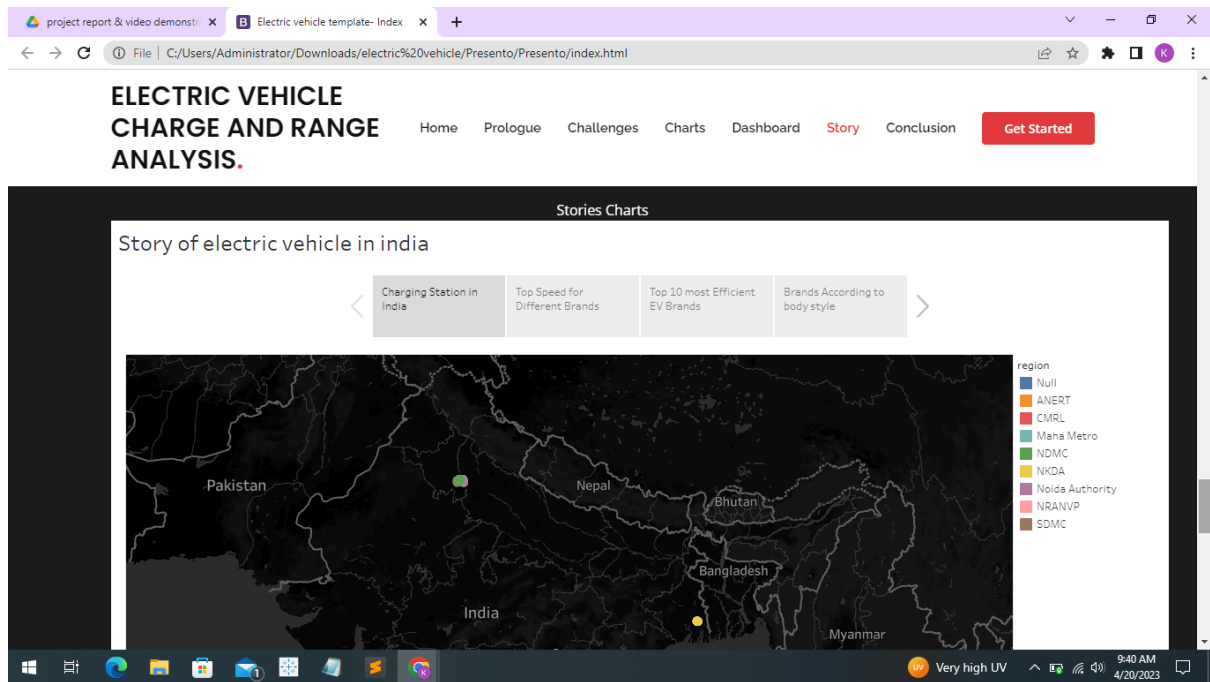
```html
    <div class="container" data-aos="zoom-out" data-aos-delay="100">

      <div class="row">

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

          <h1>A Tableau Presentation</h1>

          <a href="#about" class="btn-get-started scrollto">Get Started</a>

        </div>

      </div>

    </div>

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

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

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


        <div class="row no-gutters">

          <div class="content col-xl-5 d-flex align-items-stretch">

            <div class="content">


              <p>

                There are several great visualization tools available for electric vehicle charge
and range analysis. Some popular ones include</p>

            </div>

          </div>

          </div><!-- End .content-->

        </div>

      </div>


      </div>

    </section><!-- End Prologue Section -->
```

```html
<!-- ======= Challenges Section ======= -->
<section id="services" class="services section-bg ">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>CHALLENGES</h2>
      <p></p>

          <h5>Let us check some top electric vehicle</h5>
    </div>


    <div class="row">
      <div class="col-md-6">
        <div class="icon-box" data-aos="fade-up" data-aos-delay="100">


          <h4><a href="#">User interface design</a></h4>
          <p>Another challenge is designing a user-friendly interface that provides the
information that users need in a clear and intuitive way.</p>
          <p>This may require developing new visualizations that make complex data
more understandable or finding ways to simplify the user interface to make it easier to
use.</p>
        </div>
      </div>
      <div class="col-md-6 mt-4 mt-md-0">
        <div class="icon-box" data-aos="fade-up" data-aos-delay="200">
          <h4><a href="#">Data accuracy and reliability</a></h4>
```

```html
<p>One of the key challenges for developing effective visualization tools for electric vehicle charge and range analysis is ensuring that the data used in the visualization is accurate and reliable. </p>

<p>This can be particularly challenging given the wide variety of sources of data that may need to be integrated, including information from vehicle telemetry, charging networks, weather forecasts, and more.</p>

</div>

</div>

<div class="col-md-6 mt-4 mt-md-0">

<div class="icon-box" data-aos="fade-up" data-aos-delay="300">

<h4><a href="#">Integration with charging networks</a></h4>

<p>As electric vehicle charging infrastructure becomes more widespread, integrating visualization tools with charging networks will become increasingly important.</p>

<p>This will require developing tools that can access data from a wide variety of charging networks and present it in a way that is useful to users.</p>

</div>

</div>

<div class="col-md-6 mt-4 mt-md-0">

<div class="icon-box" data-aos="fade-up" data-aos-delay="400">

<h4><a href="#">Battery performance variability</a></h4>

<p>Another challenge of developing visualization tools for electric vehicle charge and range analysis is accounting for the variability in battery performance that can occur due to factors such as age, temperature, and usage patterns. </p>

<p>This requires developing models that can accurately predict battery performance based on a wide range of input data.</p>

</div>

</div>

<div class="col-md-6 mt-4 mt-md-0">

<div class="icon-box" data-aos="fade-up" data-aos-delay="500">

<h4><a href="#">Security and privacy</a></h4>

<p>developing visualization tools for electric vehicle charge and range analysis requires addressing security and privacy concerns. This may involve implementing encryption, authentication, and other security measures to protect user data and prevent unauthorized access.</p>
```

```html
        <p></p>
      </div>
    </div>

    <div class="col-md-6 mt-4 mt-md-0">
      <div class="icon-box" data-aos="fade-up" data-aos-delay="600">

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


  </div>
</section><!-- End Challenges Section -->


<!-- ======= Charts Section ======= -->
<section id="portfolio" class="portfolio">
  <div class="container" data-aos="fade-up">


<!-- ======= Dashboard Section ======= -->
<section id="pricing" class="pricing section-bg">
  <div class="container" data-aos="fade-up">
    <div class="section-title">
      <h2>DASHBOARD</h2>
      <p>There you go!This dashboard contains 9 main analysis charts.</p>

      <div class='tableauPlaceholder' id='viz1681998094819' style='position:
relative'><noscript><a href='#'><img alt='Dashboard 1 '
src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;Bo&#47;Book
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/></a></noscript><object class='tableauViz'  style='display:none;'><param
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```

```
ok13_16818933156710&#47;Dashboard1&#47;1.png' /> <param
name='animate_transition' value='yes' /><param name='display_static_image'
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var vizElement = divElement.getElementsByTagName('object')[0];

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divElement.offsetWidth > 500 ) {
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vizElement.style.width='100%';vizElement.style.height='3277px';}            var
scriptElement = document.createElement('script');            scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);         </script>


                </div>

              </div>

            </div>

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

    <!-- ======= Story Section ======= -->

    <section id="team" class="team section-bg">

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

        <div class="section-title">

          <h2>STORY</h2>

          <p>Stories  Charts</p>

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/></a></noscript><object class='tableauViz'  style='display:none;'><param
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```

```
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/><param name='filter' value='publish=yes' /></object></div>                <script
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vizElement.style.width='1200px';vizElement.style.height='991px';                var
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'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);                </script>

      </div>

    </div>

   </div>



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



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

 <!-- Conclusion Section -->

 <section id="conclusion" class="conclusion section-bg">

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

     <div class="section-title">

      <h2>CONCLUSION</h2></div>

      <div class="content">


   <ul>

     <li><a href="">Conclusion-1</a></li>

      <p>The convenience and availability of charging infrastructure are critical factors
in determining the feasibility of owning an electric vehicle.</p>

      <li><a href="">Conclusion-2</a></li>

      <p>In areas where public charging stations are scarce or inconvenient to use, EV
owners may experience range anxiety and may need to carefully plan their trips to
avoid running out of power</p>

      <li><a href="">Conclusion-3</a></li>
```

<p>Driving habits and conditions can significantly impact an EV's range and charging time. For example, frequent high-speed driving or extreme temperatures can decrease the range of an EV and increase the time required to recharge.</p>

   </div>

  <!--End Conclusion Section-->

  <i class="bi bi-arrow-up-short"></i>

  <!-- 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>

Css source code:

/**

* Template Name: Presento

```
* Updated: Mar 10 2023 with Bootstrap v5.2.3
* Template URL: https://bootstrapmade.com/presento-bootstrap-corporate-template/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
*/


/*--------------------------------------------------------------
# General
--------------------------------------------------------------*/
body {
  font-family: "Open Sans", sans-serif;
  color: #444444;
}


a {
  color: #e03a3c;
  text-decoration: none;
}


a:hover {
  color: #e76668;
  text-decoration: none;
}


h1,
h2,
h3,
h4,
h5,
h6 {
```

```css
  font-family: "Raleway", sans-serif;

}


/*--------------------------------------------------------------
# Back to top button
----------------------------------------------------------------*/
.back-to-top {
  position: fixed;
  visibility: hidden;
  opacity: 0;
  right: 15px;
  bottom: 15px;
  z-index: 996;
  background: #e03a3c;
  width: 40px;
  height: 40px;
  border-radius: 4px;
  transition: all 0.4s;
}

.back-to-top i {
  font-size: 28px;
  color: #fff;
  line-height: 0;
}

.back-to-top:hover {
  background: #e65d5f;
  color: #fff;
}
```

```css
.back-to-top.active {
  visibility: visible;
  opacity: 1;
}


/*--------------------------------------------------------------
# Disable aos animation delay on mobile devices
--------------------------------------------------------------*/
@media screen and (max-width: 768px) {
  [data-aos-delay] {
    transition-delay: 0 !important;
  }
}


/*--------------------------------------------------------------
# Header
--------------------------------------------------------------*/
#header {
  background: #fff;
  transition: all 0.5s;
  z-index: 997;
  padding: 20px 0;
}


#header.header-scrolled {
  padding: 12px 0;
  box-shadow: 0px 2px 15px rgba(0, 0, 0, 0.1);
}
```

```css
#header .logo {
  font-size: 30px;
  margin: 0;
  padding: 0;
  font-weight: 600;
  font-family: "Poppins", sans-serif;
}

#header .logo a {
  color: #111111;
}

#header .logo a span {
  color: #e03a3c;
}

#header .logo img {
  max-height: 40px;
}

/*--------------------------------------------------------------
# Get Startet Button
--------------------------------------------------------------*/
.get-started-btn {
  margin-left: 30px;
  background: #e03a3c;
  color: #fff;
  border-radius: 4px;
  padding: 8px 25px;
  white-space: nowrap;
```

```css
  transition: 0.3s;

  font-size: 14px;

  font-weight: 600;

  display: inline-block;

}


.get-started-btn:hover {

  background: #111111;

  color: #fff;

}


@media (max-width: 992px) {

  .get-started-btn {

    margin: 0 15px 0 0;

    padding: 6px 18px;

  }

}


/*-------------------------------------------------------------

# Navigation Menu

---------------------------------------------------------*/

/**

* Desktop Navigation

*/

.navbar {

  padding: 0;

}


.navbar ul {

  margin: 0;
```

```css
  padding: 0;
  display: flex;
  list-style: none;
  align-items: center;
}

.navbar li {
  position: relative;
}

.navbar a,
.navbar a:focus {
  display: flex;
  align-items: center;
  justify-content: space-between;
  padding: 10px 0 10px 30px;
  font-family: "Raleway", sans-serif;
  font-size: 15px;
  font-weight: 600;
  color: #111111;
  white-space: nowrap;
  transition: 0.3s;
}

.navbar a i,
.navbar a:focus i {
  font-size: 12px;
  line-height: 0;
  margin-left: 5px;
}
```

```css
.navbar a:hover,
.navbar .active,
.navbar .active:focus,
.navbar li:hover>a {
  color: #e03a3c;
}

.navbar .dropdown ul {
  display: block;
  position: absolute;
  left: 30px;
  top: calc(100% + 30px);
  margin: 0;
  padding: 10px 0;
  z-index: 99;
  opacity: 0;
  visibility: hidden;
  background: #fff;
  box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);
  transition: 0.3s;
}

.navbar .dropdown ul li {
  min-width: 200px;
}

.navbar .dropdown ul a {
  padding: 10px 20px;
  font-size: 14px;
```

```css
  }

  .navbar .dropdown ul a i {
    font-size: 12px;
  }

  .navbar .dropdown ul a:hover,
  .navbar .dropdown ul .active:hover,
  .navbar .dropdown ul li:hover>a {
    color: #e03a3c;
  }

  .navbar .dropdown:hover>ul {
    opacity: 1;
    top: 100%;
    visibility: visible;
  }

  .navbar .dropdown .dropdown ul {
    top: 0;
    left: calc(100% - 30px);
    visibility: hidden;
  }

  .navbar .dropdown .dropdown:hover>ul {
    opacity: 1;
    top: 0;
    left: 100%;
    visibility: visible;
  }
```

```css
@media (max-width: 1366px) {
  .navbar .dropdown .dropdown ul {
    left: -90%;
  }

  .navbar .dropdown .dropdown:hover>ul {
    left: -100%;
  }
}

/**
* Mobile Navigation
*/
.mobile-nav-toggle {
  color: #111111;
  font-size: 28px;
  cursor: pointer;
  display: none;
  line-height: 0;
  transition: 0.5s;
}

.mobile-nav-toggle.bi-x {
  color: #fff;
}

@media (max-width: 991px) {
  .mobile-nav-toggle {
    display: block;
```

```css
      }

    .navbar ul {
      display: none;
    }
  }

.navbar-mobile {
  position: fixed;
  overflow: hidden;
  top: 0;
  right: 0;
  left: 0;
  bottom: 0;
  background: rgba(0, 0, 0, 0.9);
  transition: 0.3s;
  z-index: 999;
}

.navbar-mobile .mobile-nav-toggle {
  position: absolute;
  top: 15px;
  right: 15px;
}

.navbar-mobile ul {
  display: block;
  position: absolute;
  top: 55px;
  right: 15px;
```

```css
  bottom: 15px;
  left: 15px;
  padding: 10px 0;
  background-color: #fff;
  overflow-y: auto;
  transition: 0.3s;
}

.navbar-mobile a,
.navbar-mobile a:focus {
  padding: 10px 20px;
  font-size: 15px;
  color: #111111;
}

.navbar-mobile a:hover,
.navbar-mobile .active,
.navbar-mobile li:hover>a {
  color: #e03a3c;
}

.navbar-mobile .getstarted,
.navbar-mobile .getstarted:focus {
  margin: 15px;
}

.navbar-mobile .dropdown ul {
  position: static;
  display: none;
  margin: 10px 20px;
```

```css
  padding: 10px 0;
  z-index: 99;
  opacity: 1;
  visibility: visible;
  background: #fff;
  box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);
}


.navbar-mobile .dropdown ul li {
  min-width: 200px;
}


.navbar-mobile .dropdown ul a {
  padding: 10px 20px;
}


.navbar-mobile .dropdown ul a i {
  font-size: 12px;
}


.navbar-mobile .dropdown ul a:hover,
.navbar-mobile .dropdown ul .active:hover,
.navbar-mobile .dropdown ul li:hover>a {
  color: #e03a3c;
}


.navbar-mobile .dropdown>.dropdown-active {
  display: block;
}
```

```css
/*--------------------------------------------------------
# Hero Section
--------------------------------------------------------*/
#hero {
  width: 100%;
  height: 100vh;
  background: #37517e;
  background-size: cover;
  position: relative;
  padding-top: 82px;
}

#hero:before {
  content: "";
  background: rgba(0, 0, 0, 0.6);
  position: absolute;
  bottom: 0;
  top: 0;
  left: 0;
  right: 0;
}

#hero h1 {
  margin: 0;
  font-size: 48px;
  font-weight: 700;
  color: #fff;
}

#hero h2 {
```

```css
    color: #fff;

    margin: 10px 0 0 0;

    font-size: 24px;

}


#hero .btn-get-started {

    font-family: "Raleway", sans-serif;

    font-weight: 500;

    font-size: 16px;

    letter-spacing: 1px;

    display: inline-block;

    padding: 10px 30px;

    border-radius: 4px;

    transition: 0.5s;

    margin-top: 30px;

    color: #fff;

    background: #e03a3c;

    border: 2px solid #e03a3c;

}


#hero .btn-get-started:hover {

    background: transparent;

    border-color: #fff;

}


@media (max-width: 768px) {

    #hero {

        text-align: center;

        padding-top: 58px;

    }
```

```css
  #hero h1 {
    font-size: 28px;
  }


  #hero h2 {
    font-size: 18px;
    line-height: 24px;
  }
}


@media (max-height: 500px) {
  #hero {
    height: 120vh;
  }
}


/*--------------------------------------------------------
# Sections General
----------------------------------------------------------*/
section {
  padding: 60px 0;
  overflow: hidden;
  position: relative;
}


.section-title {
  text-align: center;
  padding-bottom: 30px;
  position: relative;
```

```css
    }

    .section-title h2 {
      font-size: 32px;
      font-weight: bold;
      text-transform: uppercase;
      margin-bottom: 20px;
      padding-bottom: 20px;
      position: relative;
    }

    .section-title h2::after {
      content: "";
      position: absolute;
      display: block;
      width: 50px;
      height: 3px;
      background: #e03a3c;
      bottom: 0;
      left: calc(50% - 25px);
    }

    .section-title p {
      margin-bottom: 0;
    }

    .section-bg {
      padding: 120px 0;
      color: #fff;
    }
```

```css
.section-bg:before {
  content: "";
  background: #1b1b1b;
  position: absolute;
  bottom: 60px;
  top: 60px;
  left: 0;
  right: 0;
  transform: skewY(-3deg);
}


/*--------------------------------------------------------------
# Breadcrumbs
----------------------------------------------------------------*/
.breadcrumbs {
  padding: 15px 0;
  background: #2b2b2b;
  min-height: 40px;
  margin-top: 82px;
  color: #fff;
}


.breadcrumbs h2 {
  font-size: 28px;
  font-weight: 500;
}


.breadcrumbs ol {
  display: flex;
```

```css
  flex-wrap: wrap;
  list-style: none;
  padding: 0 0 10px 0;
  margin: 0;
  font-size: 14px;
}


.breadcrumbs ol a {
  color: #aaaaaa;
}


.breadcrumbs ol a:hover {
  color: #fff;
  transition: 0.3s;
}


.breadcrumbs ol li+li {
  padding-left: 10px;
}


.breadcrumbs ol li+li::before {
  display: inline-block;
  padding-right: 10px;
  color: #e03a3c;
  content: "/";
}


/*--------------------------------------------------------------
# Clients
----------------------------------------------------------*/
```

```css
.clients .swiper-pagination {
  margin-top: 20px;
  position: relative;
}

.clients .swiper-pagination .swiper-pagination-bullet {
  width: 12px;
  height: 12px;
  background-color: #fff;
  opacity: 1;
  border: 1px solid #e03a3c;
}

.clients .swiper-pagination .swiper-pagination-bullet-active {
  background-color: #e03a3c;
}

.clients .swiper-slide img {
  opacity: 0.5;
  transition: 0.3s;
  filter: grayscale(100);
}

.clients .swiper-slide img:hover {
  opacity: 1;
  filter: none;
}

/*--------------------------------------------------------------
# About
```

```css
----------------------------------------------------------*/
.about .container {
  position: relative;
  z-index: 10;
}

.about .content {
  padding: 30px 30px 30px 0;
}

.about .content h3 {
  font-weight: 700;
  font-size: 34px;
  margin-bottom: 30px;
}

.about .content p {
  margin-bottom: 30px;
}

.about .content .about-btn {
  padding: 8px 30px 9px 30px;
  color: #fff;
  border-radius: 50px;
  transition: 0.3s;
  text-transform: uppercase;
  font-weight: 600;
  font-size: 13px;
  display: inline-flex;
  align-items: center;
```

```css
  border: 2px solid #e03a3c;
}


.about .content .about-btn i {
  font-size: 16px;
  padding-left: 5px;
}


.about .content .about-btn:hover {
  background: #e35052;
  background: #e03a3c;
}


.about .icon-boxes .icon-box {
  margin-top: 30px;
}


.about .icon-boxes .icon-box i {
  font-size: 40px;
  color: #e03a3c;
  margin-bottom: 10px;
}


.about .icon-boxes .icon-box h4 {
  font-size: 20px;
  font-weight: 700;
  margin: 0 0 10px 0;
}


.about .icon-boxes .icon-box p {
```

```css
    font-size: 15px;

    color: #848484;

}


@media (max-width: 1200px) {

  .about .content {

    padding-right: 0;

  }

}


@media (max-width: 768px) {

  .about {

    text-align: center;

  }

}


/*-----------------------------------------------------------

# Counts

-------------------------------------------------------------*/

.counts {

  padding-top: 80px;

}


.counts .count-box {

  padding: 30px 30px 25px 30px;

  width: 100%;

  position: relative;

  text-align: center;

  box-shadow: 0px 2px 35px rgba(0, 0, 0, 0.06);

  border-radius: 4px;
```

```css
  }

  .counts .count-box i {
    position: absolute;
    width: 54px;
    height: 54px;
    top: -27px;
    left: 50%;
    transform: translateX(-50%);
    font-size: 24px;
    background: #fff;
    color: #e03a3c;
    border-radius: 50px;
    border: 2px solid #fff;
    box-shadow: 0px 2px 25px rgba(0, 0, 0, 0.1);
    display: inline-flex;
    align-items: center;
    justify-content: center;
  }

  .counts .count-box span {
    font-size: 36px;
    display: block;
    font-weight: 700;
    color: #111111;
  }

  .counts .count-box p {
    padding: 0;
    margin: 0;
```

```css
  font-family: "Raleway", sans-serif;

  font-size: 14px;

}


/*-----------------------------------------------------------
# Tabs
-----------------------------------------------------------*/
.tabs .nav-tabs {

  border: 0;

}


.tabs .nav-link {

  border: 1px solid #b9b9b9;

  padding: 15px;

  transition: 0.3s;

  color: #111111;

  border-radius: 0;

  display: flex;

  align-items: center;

  justify-content: center;

  cursor: pointer;

}


.tabs .nav-link i {

  padding-right: 15px;

  font-size: 48px;

}


.tabs .nav-link h4 {

  font-size: 18px;
```

```css
  font-weight: 600;

  margin: 0;

}


.tabs .nav-link:hover {

  color: #e03a3c;

}


.tabs .nav-link.active {

  background: #e03a3c;

  color: #fff;

  border-color: #e03a3c;

}


@media (max-width: 768px) {

  .tabs .nav-link i {

    padding: 0;

    line-height: 1;

    font-size: 36px;

  }

}


@media (max-width: 575px) {

  .tabs .nav-link {

    padding: 15px;

  }


  .tabs .nav-link i {

    font-size: 24px;

  }
```

```css
}

.tabs .tab-content {
  margin-top: 30px;
}

.tabs .tab-pane h3 {
  font-weight: 600;
  font-size: 26px;
}

.tabs .tab-pane ul {
  list-style: none;
  padding: 0;
}

.tabs .tab-pane ul li {
  padding-bottom: 10px;
}

.tabs .tab-pane ul i {
  font-size: 20px;
  padding-right: 4px;
  color: #e03a3c;
}



.tabs .tab-pane p:last-child {
  margin-bottom: 0;
```

```css
}


/*--------------------------------------------------------
# Services
--------------------------------------------------------*/
.services .icon-box {
  margin-bottom: 20px;
  padding: 30px;
  border-radius: 6px;
  background: #252525;
  transition: 0.3s;
}

.services .icon-box:hover {
  background: #2b2b2b;
}

.services .icon-box i {
  float: left;
  color: #e03a3c;
  font-size: 40px;
  line-height: 0;
}

.services .icon-box h4 {
  margin-left: 70px;
  font-weight: 700;
  margin-bottom: 15px;
  font-size: 18px;
}
```

```css
.services .icon-box h4 a {
  color: #fff;
  transition: 0.3s;
}

.services .icon-box h4 a:hover {
  text-decoration: underline;
}

.services .icon-box .icon-box:hover h4 a {
  color: #e03a3c;
}

.services .icon-box p {
  margin-left: 70px;
  line-height: 24px;
  font-size: 14px;
}

/*--------------------------------------------------------------
# Portfolio
--------------------------------------------------------------*/
.portfolio .portfolio-item {
  margin-bottom: 30px;
}

.portfolio #portfolio-flters {
  padding: 0;
  margin: 0 auto 20px auto;
```

```css
  list-style: none;
  text-align: center;
}

.portfolio #portfolio-flters li {
  cursor: pointer;
  display: inline-block;
  padding: 8px 15px 10px 15px;
  font-size: 14px;
  font-weight: 600;
  line-height: 1;
  text-transform: uppercase;
  color: #444444;
  margin-bottom: 5px;
  transition: all 0.3s ease-in-out;
  border-radius: 3px;
}

.portfolio #portfolio-flters li:hover,
.portfolio #portfolio-flters li.filter-active {
  color: #fff;
  background: #e03a3c;
}

.portfolio #portfolio-flters li:last-child {
  margin-right: 0;
}

.portfolio .portfolio-wrap {
  transition: 0.3s;
```

```css
  position: relative;
  overflow: hidden;
  z-index: 1;
  background: rgba(17, 17, 17, 0.6);
}

.portfolio .portfolio-wrap::before {
  content: "";
  background: rgba(17, 17, 17, 0.6);
  position: absolute;
  left: 0;
  right: 0;
  top: 0;
  bottom: 0;
  transition: all ease-in-out 0.3s;
  z-index: 2;
  opacity: 0;
}

.portfolio .portfolio-wrap img {
  transition: all ease-in-out 0.3s;
}

.portfolio .portfolio-wrap .portfolio-info {
  opacity: 0;
  position: absolute;
  top: 0;
  left: 0;
  right: 0;
  bottom: 0;
```

```css
  z-index: 3;
  transition: all ease-in-out 0.3s;
  display: flex;
  flex-direction: column;
  justify-content: flex-end;
  align-items: flex-start;
  padding: 20px;
}

.portfolio .portfolio-wrap .portfolio-info h4 {
  font-size: 20px;
  color: #fff;
  font-weight: 600;
}

.portfolio .portfolio-wrap .portfolio-info p {
  color: rgba(255, 255, 255, 0.7);
  font-size: 14px;
  text-transform: uppercase;
  padding: 0;
  margin: 0;
  font-style: italic;
}

.portfolio .portfolio-wrap .portfolio-links {
  text-align: center;
  z-index: 4;
}

.portfolio .portfolio-wrap .portfolio-links a {
```

```css
  color: rgba(255, 255, 255, 0.4);

  margin: 0 5px 0 0;

  font-size: 28px;

  display: inline-block;

  transition: 0.3s;

}


.portfolio .portfolio-wrap .portfolio-links a:hover {

  color: #fff;

}


.portfolio .portfolio-wrap:hover::before {

  opacity: 1;

}


.portfolio .portfolio-wrap:hover img {

  transform: scale(1.2);

}


.portfolio .portfolio-wrap:hover .portfolio-info {

  opacity: 1;

}


/*--------------------------------------------------------------
# Portfolio Details
--------------------------------------------------------------*/
.portfolio-details {

  padding-top: 40px;

}
```

```css
.portfolio-details .portfolio-details-slider img {
  width: 100%;
}


.portfolio-details .portfolio-details-slider .swiper-pagination {
  margin-top: 20px;
  position: relative;
}


.portfolio-details .portfolio-details-slider .swiper-pagination .swiper-pagination-bullet {
  width: 12px;
  height: 12px;
  background-color: #fff;
  opacity: 1;
  border: 1px solid #e03a3c;
}


.portfolio-details .portfolio-details-slider .swiper-pagination .swiper-pagination-bullet-active {
  background-color: #e03a3c;
}


.portfolio-details .portfolio-info {
  padding: 30px;
  box-shadow: 0px 0 30px rgba(17, 17, 17, 0.08);
}


.portfolio-details .portfolio-info h3 {
  font-size: 22px;
  font-weight: 700;
  margin-bottom: 20px;
```

```css
  padding-bottom: 20px;

  border-bottom: 1px solid #eee;

}


.portfolio-details .portfolio-info ul {

  list-style: none;

  padding: 0;

  font-size: 15px;

}


.portfolio-details .portfolio-info ul li+li {

  margin-top: 10px;

}


.portfolio-details .portfolio-description {

  padding-top: 30px;

}


.portfolio-details .portfolio-description h2 {

  font-size: 26px;

  font-weight: 700;

  margin-bottom: 20px;

}


.portfolio-details .portfolio-description p {

  padding: 0;

}


/*-----------------------------------------------------------

# Testimonials
```

```css
                                            -------------------------------------------------------------*/
.testimonials .testimonials-carousel,
.testimonials .testimonials-slider {
  overflow: hidden;
}

.testimonials .testimonial-item {
  box-sizing: content-box;
  padding: 30px;
  margin: 30px 15px;
  min-height: 200px;
  box-shadow: 0px 2px 12px rgba(0, 0, 0, 0.08);
  position: relative;
  background: #fff;
  border-radius: 15px;
}

.testimonials .testimonial-item .testimonial-img {
  width: 90px;
  border-radius: 10px;
  border: 6px solid #fff;
  float: left;
  margin: 0 10px 0 0;
}

.testimonials .testimonial-item h3 {
  font-size: 18px;
  font-weight: bold;
  margin: 25px 0 5px 0;
  color: #111;
```

```css
}

.testimonials .testimonial-item h4 {
  font-size: 14px;
  color: #999;
  margin: 0;
}

.testimonials .testimonial-item .quote-icon-left,
.testimonials .testimonial-item .quote-icon-right {
  color: #fceaea;
  font-size: 26px;
}

.testimonials .testimonial-item .quote-icon-left {
  display: inline-block;
  left: -5px;
  position: relative;
}

.testimonials .testimonial-item .quote-icon-right {
  display: inline-block;
  right: -5px;
  position: relative;
  top: 10px;
}

.testimonials .testimonial-item p {
  font-style: italic;
  margin: 30px auto 15px auto;
```

```css
  }

  .testimonials .swiper-pagination {
    margin-top: 20px;
    position: relative;
  }

  .testimonials .swiper-pagination .swiper-pagination-bullet {
    width: 12px;
    height: 12px;
    background-color: #fff;
    opacity: 1;
    border: 1px solid #e03a3c;
  }

  .testimonials .swiper-pagination .swiper-pagination-bullet-active {
    background-color: #e03a3c;
  }

  /*--------------------------------------------------------------
  # Pricing
  --------------------------------------------------------------*/
  .pricing .box {
    padding: 20px;
    background: #2b2b2b;
    text-align: center;
    border-radius: 8px;
    position: relative;
    overflow: hidden;
  }
```

```css
.pricing .box h3 {
  font-weight: 400;
  padding: 15px;
  font-size: 18px;
  text-transform: uppercase;
  font-weight: 600;
}

.pricing .box h4 {
  font-size: 42px;
  font-weight: 500;
  font-family: "Open Sans", sans-serif;
  margin-bottom: 20px;
}

.pricing .box h4 sup {
  font-size: 20px;
  top: -15px;
  left: -3px;
}

.pricing .box h4 span {
  font-size: 16px;
  font-weight: 300;
}

.pricing .box ul {
  padding: 0;
  list-style: none;
```

```css
  text-align: center;
  line-height: 20px;
  font-size: 14px;
}


.pricing .box ul li {
  padding-bottom: 16px;
}


.pricing .box ul i {
  color: #e03a3c;
  font-size: 18px;
  padding-right: 4px;
}


.pricing .box ul .na {
  color: rgba(255, 255, 255, 0.5);
  text-decoration: line-through;
}


.pricing .box .btn-wrap {
  padding: 15px;
  text-align: center;
}


.pricing .box .btn-buy {
  display: inline-block;
  padding: 10px 40px 12px 40px;
  border-radius: 4px;
  color: #fff;
```

```css
  transition: none;

  font-size: 14px;

  font-weight: 400;

  font-family: "Raleway", sans-serif;

  font-weight: 600;

  transition: 0.3s;

  border: 2px solid rgba(255, 255, 255, 0.3);

}


.pricing .box .btn-buy:hover {

  border-color: #fff;

}


.pricing .featured {

  background: #e03a3c;

}


/*--------------------------------------------------------------
# Frequently Asked Questions
--------------------------------------------------------------*/
.faq .faq-list {

  padding: 0;

  list-style: none;

}


.faq .faq-list li {

  border-bottom: 1px solid #eee;

  margin-bottom: 20px;

  padding-bottom: 20px;

}
```

```css
.faq .faq-list a {
  display: block;
  position: relative;
  font-family: #e03a3c;
  font-size: 18px;
  line-height: 24px;
  font-weight: 400;
  padding-right: 25px;
  cursor: pointer;
}

.faq .faq-list i {
  font-size: 24px;
  position: absolute;
  right: 0;
  top: 0;
}

.faq .faq-list p {
  margin-bottom: 0;
  padding: 10px 0 0 0;
}

.faq .faq-list .icon-show {
  display: none;
}

.faq .faq-list a.collapsed {
  color: #343a40;
```

```css
}

.faq .faq-list a.collapsed:hover {
  color: #e03a3c;
}

.faq .faq-list a.collapsed .icon-show {
  display: inline-block;
}

.faq .faq-list a.collapsed .icon-close {
  display: none;
}

/*--------------------------------------------------------------
# Team
--------------------------------------------------------------*/
.team .member {
  margin-bottom: 20px;
  overflow: hidden;
  border-radius: 5px;
  background: #fff;
}

.team .member .member-img {
  position: relative;
  overflow: hidden;
}

.team .member .social {
```

```css
  position: absolute;

  left: 0;

  bottom: 30px;

  right: 0;

  opacity: 0;

  transition: ease-in-out 0.3s;

  display: flex;

  align-items: center;

  justify-content: center;

}


.team .member .social a {

  transition: color 0.3s;

  color: #111111;

  margin: 0 3px;

  border-radius: 50px;

  width: 36px;

  height: 36px;

  background: #e03a3c;

  display: inline-flex;

  align-items: center;

  justify-content: center;

  transition: ease-in-out 0.3s;

  color: #fff;

}


.team .member .social a:hover {

  background: #111111;

}
```

```css
.team .member .social i {
  font-size: 18px;
  line-height: 0;
}

.team .member .member-info {
  padding: 25px 15px;
}

.team .member .member-info h4 {
  font-weight: 700;
  margin-bottom: 5px;
  font-size: 18px;
  color: #111111;
}

.team .member .member-info span {
  display: block;
  font-size: 13px;
  font-weight: 400;
  color: #aaaaaa;
}

.team .member .member-info p {
  font-style: italic;
  font-size: 14px;
  line-height: 26px;
  color: #777777;
}
```

```css
.team .member:hover .social {

  opacity: 1;

  bottom: 15px;

}



/*-----------------------------------------------------------

# Conclusion

------------------------------------------------------------*/

/*#conclusion .content ul p {

  display: block;

  position: absolute;

  left: 30px;

  top: calc(100% + 30px);

  margin: 0;

  padding: 10px 0;

  z-index: 99;

  opacity: 0;

  visibility: hidden;

  background: #fff;

  box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);

  transition: 0.3s;

}



.content ul a:hover,

.content ul .active:hover,

.dropdown ul li:hover>a {

  color: #e03a3c;

}



#conclusion .content h3 {
```

```css
  font-weight: 700;

  font-size: 34px;

  margin-bottom: 30px;

}


#conclusion .content p {

  margin-bottom: 30px;

*/




/*-----------------------------------------------------------

# Blog

----------------------------------------------------------*/

.blog {

  padding: 40px 0 20px 0;

}


.blog .entry {

  padding: 30px;

  margin-bottom: 60px;

  box-shadow: 0 4px 16px rgba(0, 0, 0, 0.1);

}


.blog .entry .entry-img {

  max-height: 440px;

  margin: -30px -30px 20px -30px;

  overflow: hidden;

}
```

```css
.blog .entry .entry-title {
  font-size: 28px;
  font-weight: bold;
  padding: 0;
  margin: 0 0 20px 0;
}

.blog .entry .entry-title a {
  color: #111111;
  transition: 0.3s;
}

.blog .entry .entry-title a:hover {
  color: #e03a3c;
}

.blog .entry .entry-meta {
  margin-bottom: 15px;
  color: #777777;
}

.blog .entry .entry-meta ul {
  display: flex;
  flex-wrap: wrap;
  list-style: none;
  align-items: center;
  padding: 0;
  margin: 0;
}
```

```css
.blog .entry .entry-meta ul li+li {
  padding-left: 20px;
}

.blog .entry .entry-meta i {
  font-size: 16px;
  margin-right: 8px;
  line-height: 0;
}

.blog .entry .entry-meta a {
  color: #777777;
  font-size: 14px;
  display: inline-block;
  line-height: 1;
}

.blog .entry .entry-content p {
  line-height: 24px;
}

.blog .entry .entry-content .read-more {
  -moz-text-align-last: right;
  text-align-last: right;
}

.blog .entry .entry-content .read-more a {
  display: inline-block;
  background: #e03a3c;
```

```css
  color: #fff;

  padding: 6px 20px;

  transition: 0.3s;

  font-size: 14px;

  border-radius: 4px;

}


.blog .entry .entry-content .read-more a:hover {

  background: #e35052;

}


.blog .entry .entry-content h3 {

  font-size: 22px;

  margin-top: 30px;

  font-weight: bold;

}


.blog .entry .entry-content blockquote {

  overflow: hidden;

  background-color: #fafafa;

  padding: 60px;

  position: relative;

  text-align: center;

  margin: 20px 0;

}


.blog .entry .entry-content blockquote p {

  color: #444444;

  line-height: 1.6;

  margin-bottom: 0;
```

```css
    font-style: italic;
    font-weight: 500;
    font-size: 22px;
}


.blog .entry .entry-content blockquote::after {
    content: "";
    position: absolute;
    left: 0;
    top: 0;
    bottom: 0;
    width: 3px;
    background-color: #111111;
    margin-top: 20px;
    margin-bottom: 20px;
}


.blog .entry .entry-footer {
    padding-top: 10px;
    border-top: 1px solid #e6e6e6;
}


.blog .entry .entry-footer i {
    color: #5e5e5e;
    display: inline;
}


.blog .entry .entry-footer a {
    color: #1e1e1e;
    transition: 0.3s;
```

```
  }

  .blog .entry .entry-footer a:hover {
    color: #e03a3c;
  }

  .blog .entry .entry-footer .cats {
    list-style: none;
    display: inline;
    padding: 0 20px 0 0;
    font-size: 14px;
  }

  .blog .entry .entry-footer .cats li {
    display: inline-block;
  }

  .blog .entry .entry-footer .tags {
    list-style: none;
    display: inline;
    padding: 0;
    font-size: 14px;
  }

  .blog .entry .entry-footer .tags li {
    display: inline-block;
  }

  .blog .entry .entry-footer .tags li+li::before {
    padding-right: 6px;
```

```css
    color: #6c757d;
    content: ",";
  }

  .blog .entry .entry-footer .share {
    font-size: 16px;
  }

  .blog .entry .entry-footer .share i {
    padding-left: 5px;
  }

  .blog .entry-single {
    margin-bottom: 30px;
  }

  .blog .blog-author {
    padding: 20px;
    margin-bottom: 30px;
    box-shadow: 0 4px 16px rgba(0, 0, 0, 0.1);
  }

  .blog .blog-author img {
    width: 120px;
    margin-right: 20px;
  }

  .blog .blog-author h4 {
    font-weight: 600;
    font-size: 22px;
```

```css
  margin-bottom: 0px;

  padding: 0;

  color: #111111;

}


.blog .blog-author .social-links {

  margin: 0 10px 10px 0;

}


.blog .blog-author .social-links a {

  color: rgba(17, 17, 17, 0.5);

  margin-right: 5px;

}


.blog .blog-author p {

  font-style: italic;

  color: #b7b7b7;

}


.blog .blog-comments {

  margin-bottom: 30px;

}


.blog .blog-comments .comments-count {

  font-weight: bold;

}


.blog .blog-comments .comment {

  margin-top: 30px;

  position: relative;
```

```css
}

.blog .blog-comments .comment .comment-img {
  margin-right: 14px;
}

.blog .blog-comments .comment .comment-img img {
  width: 60px;
}

.blog .blog-comments .comment h5 {
  font-size: 16px;
  margin-bottom: 2px;
}

.blog .blog-comments .comment h5 a {
  font-weight: bold;
  color: #444444;
  transition: 0.3s;
}

.blog .blog-comments .comment h5 a:hover {
  color: #e03a3c;
}

.blog .blog-comments .comment h5 .reply {
  padding-left: 10px;
  color: #111111;
}
```

```css
.blog .blog-comments .comment h5 .reply i {
  font-size: 20px;
}

.blog .blog-comments .comment time {
  display: block;
  font-size: 14px;
  color: #2b2b2b;
  margin-bottom: 5px;
}

.blog .blog-comments .comment.comment-reply {
  padding-left: 40px;
}

.blog .blog-comments .reply-form {
  margin-top: 30px;
  padding: 30px;
  box-shadow: 0 4px 16px rgba(0, 0, 0, 0.1);
}

.blog .blog-comments .reply-form h4 {
  font-weight: bold;
  font-size: 22px;
}

.blog .blog-comments .reply-form p {
  font-size: 14px;
}
```

```css
.blog .blog-comments .reply-form input {
  border-radius: 4px;
  padding: 10px 10px;
  font-size: 14px;
}

.blog .blog-comments .reply-form input:focus {
  box-shadow: none;
  border-color: #ee9293;
}

.blog .blog-comments .reply-form textarea {
  border-radius: 4px;
  padding: 10px 10px;
  font-size: 14px;
}

.blog .blog-comments .reply-form textarea:focus {
  box-shadow: none;
  border-color: #ee9293;
}

.blog .blog-comments .reply-form .form-group {
  margin-bottom: 25px;
}

.blog .blog-comments .reply-form .btn-primary {
  border-radius: 4px;
  padding: 10px 20px;
  border: 0;
```

```css
  background-color: #111111;
}

.blog .blog-comments .reply-form .btn-primary:hover {
  background-color: #1e1e1e;
}

.blog .blog-pagination {
  color: #444444;
}

.blog .blog-pagination ul {
  display: flex;
  padding: 0;
  margin: 0;
  list-style: none;
}

.blog .blog-pagination li {
  margin: 0 5px;
  transition: 0.3s;
}

.blog .blog-pagination li a {
  color: #111111;
  padding: 7px 16px;
  display: flex;
  align-items: center;
  justify-content: center;
}
```

```css
.blog .blog-pagination li.active,
.blog .blog-pagination li:hover {
  background: #e03a3c;
}

.blog .blog-pagination li.active a,
.blog .blog-pagination li:hover a {
  color: #fff;
}

.blog .sidebar {
  padding: 30px;
  margin: 0 0 60px 20px;
  box-shadow: 0 4px 16px rgba(0, 0, 0, 0.1);
}

.blog .sidebar .sidebar-title {
  font-size: 20px;
  font-weight: 700;
  padding: 0 0 0 0;
  margin: 0 0 15px 0;
  color: #111111;
  position: relative;
}

.blog .sidebar .sidebar-item {
  margin-bottom: 30px;
}
```

```css
.blog .sidebar .search-form form {
  background: #fff;
  border: 1px solid #ddd;
  padding: 3px 10px;
  position: relative;
}

.blog .sidebar .search-form form input[type=text] {
  border: 0;
  padding: 4px;
  border-radius: 4px;
  width: calc(100% - 40px);
}

.blog .sidebar .search-form form button {
  position: absolute;
  top: 0;
  right: 0;
  bottom: 0;
  border: 0;
  background: none;
  font-size: 16px;
  padding: 0 15px;
  margin: -1px;
  background: #e03a3c;
  color: #fff;
  transition: 0.3s;
  border-radius: 0 4px 4px 0;
  line-height: 0;
}
```

```css
.blog .sidebar .search-form form button i {
  line-height: 0;
}


.blog .sidebar .search-form form button:hover {
  background: #e34c4d;
}


.blog .sidebar .categories ul {
  list-style: none;
  padding: 0;
}


.blog .sidebar .categories ul li+li {
  padding-top: 10px;
}


.blog .sidebar .categories ul a {
  color: #111111;
  transition: 0.3s;
}


.blog .sidebar .categories ul a:hover {
  color: #e03a3c;
}


.blog .sidebar .categories ul a span {
  padding-left: 5px;
  color: #aaaaaa;
```

```css
  font-size: 14px;
}

.blog .sidebar .recent-posts .post-item+.post-item {
  margin-top: 15px;
}

.blog .sidebar .recent-posts img {
  width: 80px;
  float: left;
}

.blog .sidebar .recent-posts h4 {
  font-size: 15px;
  margin-left: 95px;
  font-weight: bold;
}

.blog .sidebar .recent-posts h4 a {
  color: #111111;
  transition: 0.3s;
}

.blog .sidebar .recent-posts h4 a:hover {
  color: #e03a3c;
}

.blog .sidebar .recent-posts time {
  display: block;
  margin-left: 95px;
```

```css
  font-style: italic;

  font-size: 14px;

  color: #aaaaaa;

}


.blog .sidebar .tags {

  margin-bottom: -10px;

}


.blog .sidebar .tags ul {

  list-style: none;

  padding: 0;

}


.blog .sidebar .tags ul li {

  display: inline-block;

}


.blog .sidebar .tags ul a {

  color: #515151;

  font-size: 14px;

  padding: 6px 14px;

  margin: 0 6px 8px 0;

  border: 1px solid #c4c4c4;

  display: inline-block;

  transition: 0.3s;

}


.blog .sidebar .tags ul a:hover {

  color: #fff;
```

```css
  border: 1px solid #e03a3c;

  background: #e03a3c;

}


.blog .sidebar .tags ul a span {

  padding-left: 5px;

  color: #aaaaaa;

  font-size: 14px;

}


/*------------------------------------------------------------
# Footer
------------------------------------------------------------*/
#footer {

  color: #fff;

  font-size: 14px;

  background: #111111;

}


#footer .footer-top {

  padding: 60px 0 30px 0;

  background: #1b1b1b;

}


#footer .footer-top .footer-contact {

  margin-bottom: 30px;

}


#footer .footer-top .footer-contact h3 {

  font-size: 26px;
```

```css
  line-height: 1;

  font-weight: 700;

}


#footer .footer-top .footer-contact h3 span {

  color: #e03a3c;

}


#footer .footer-top .footer-contact p {

  font-size: 14px;

  line-height: 24px;

  margin-bottom: 0;

  font-family: "Raleway", sans-serif;

}


#footer .footer-top h4 {

  font-size: 16px;

  font-weight: bold;

  position: relative;

  padding-bottom: 12px;

}


#footer .footer-top h4::after {

  content: "";

  position: absolute;

  display: block;

  width: 20px;

  height: 2px;

  background: #e03a3c;

  bottom: 0;
```

```css
    left: 0;

}


#footer .footer-top .footer-links {

  margin-bottom: 30px;

}


#footer .footer-top .footer-links ul {

  list-style: none;

  padding: 0;

  margin: 0;

}


#footer .footer-top .footer-links ul i {

  padding-right: 2px;

  color: white;

  font-size: 18px;

  line-height: 1;

}


#footer .footer-top .footer-links ul li {

  padding: 10px 0;

  display: flex;

  align-items: center;

}


#footer .footer-top .footer-links ul li:first-child {

  padding-top: 0;

}
```

```css
#footer .footer-top .footer-links ul a {
  color: #aaaaaa;
  transition: 0.3s;
  display: inline-block;
  line-height: 1;
}

#footer .footer-top .footer-links ul a:hover {
  text-decoration: none;
  color: #fff;
}

#footer .footer-newsletter {
  font-size: 15px;
}

#footer .footer-newsletter h4 {
  font-size: 16px;
  font-weight: bold;
  position: relative;
  padding-bottom: 12px;
}

#footer .footer-newsletter form {
  margin-top: 30px;
  background: #fff;
  padding: 5px 10px;
  position: relative;
  border-radius: 4px;
  text-align: left;
```

```css
}

#footer .footer-newsletter form input[type=email] {
  border: 0;
  padding: 4px 8px;
  width: calc(100% - 100px);
}

#footer .footer-newsletter form input[type=submit] {
  position: absolute;
  top: 0;
  right: -1px;
  bottom: 0;
  border: 0;
  background: none;
  font-size: 16px;
  padding: 0 20px;
  background: #e03a3c;
  color: #fff;
  transition: 0.3s;
  border-radius: 0 4px 4px 0;
  box-shadow: 0px 2px 15px rgba(0, 0, 0, 0.1);
}

#footer .footer-newsletter form input[type=submit]:hover {
  background: #e35052;
}

#footer .credits {
  padding-top: 5px;
```

```css
  font-size: 13px;
}

#footer .social-links a {
  font-size: 18px;
  display: inline-block;
  background: #2b2b2b;
  color: #fff;
  line-height: 1;
  padding: 8px 0;
  margin-right: 4px;
  border-radius: 4px;
  text-align: center;
  width: 36px;
  height: 36px;
  transition: 0.3s;
}

#footer .social-links a:hover {
  background: #e03a3c;
  color: #fff;
  text-decoration: none;
}
```