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

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

  <title>MEDSTAY HEALTH CARE</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,
600,600i,700,700i|Roboto:300,300i,400,400i,500,500i,600,600i,700,700i|Popp
ins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

  <!-- Vendor CSS Files -->
  <link href="assets/vendor/fontawesome-free/css/all.min.css"
rel="stylesheet">
  <link href="assets/vendor/animate.css/animate.min.css" rel="stylesheet">
  <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/swiper/swiper-bundle.min.css"
rel="stylesheet">

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

```html
  <!-- ======================================================
  * Template Name: Medicio - v4.9.1
  * Template URL: https://bootstrapmade.com/medicio-free-bootstrap-theme/
  * Author: BootstrapMade.com
  * License: https://bootstrapmade.com/license/
  ====================================================== -->
</head>

<body>

  <!-- ======= Top Bar ======= -->
  <div id="topbar" class="d-flex align-items-center fixed-top">
    <div class="container d-flex align-items-center justify-content-center
justify-content-md-between">
      <div class="align-items-center d-none d-md-flex">
        <i class="bi bi-clock"></i> Monday - Sunday, 8AM to 10PM
      </div>
      <div class="d-flex align-items-center">
        <i class="bi bi-phone"></i> Call us now 9341376454
      </div>
    </div>
  </div>

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

      <a href="index.html" class="logo me-auto"><img
src="D:\PROJECT\cad911eca761152a9eb515b5de8ae115--logo-ms-awesome-logos.jp
g" alt=""></a>
      <!-- Uncomment below if you prefer to use an image logo -->
      <!-- <h1 class="logo me-auto"><a href="index.html">Medicio</a></h1>
-->

      <nav id="navbar" class="navbar order-last order-lg-0">
        <ul>
          <li><a class="nav-link scrollto " href="#hero">Home</a></li>
          <li><a class="nav-link scrollto" href="#about">About</a></li>
          <li><a class="nav-link scrollto"
href="#services">Services</a></li>
```

```html
          </ul>
        <i class="bi bi-list mobile-nav-toggle"></i>
      </nav><!-- .navbar -->


      <a href="#appointment" class="appointment-btn scrollto"><span
class="d-none d-md-inline">Make an</span> Appointment</a>


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


  <!-- ======= Hero Section ======= -->
  <section id="hero">
    <div id="heroCarousel" data-bs-interval="5000" class="carousel slide
carousel-fade" data-bs-ride="carousel">


      <ol class="carousel-indicators" id="hero-carousel-indicators"></ol>


      <div class="carousel-inner" role="listbox">


        <!-- Slide 1 -->
        <div class="carousel-item active" style="background-image:
url(assets/img/slide/slide-1.jpg)">
          <div class="container">
            <h2>Welcome to <span>Analytics for Hospitals Health-Care
Data</span></h2>
            <p>Predict the Length of Stay for each patient on case by case
basis so that the Hospitals can use this information for optimal resource
allocation and better functioning</p>
            <a href="#about" class="btn-get-started scrollto">Read
More</a>
          </div>
        </div>


        <!-- Slide 2 -->
        <div class="carousel-item" style="background-image:
url(assets/img/slide/slide-2.jpg)">
          <div class="container">
```

```html
        <a href="#about" class="btn-get-started scrollto">Read
More</a>
        </div>
      </div>

      <!-- Slide 3 -->
      <div class="carousel-item" style="background-image:
url(assets/img/slide/slide-3.jpg)">
        <div class="container">
          <h2>Mission of our Project</h2>
          <p>We help hospitals to identify patients of high LOS-risk
(patients who will stay longer) at the time of admission. Once identified,
patients with high LOS risk can have their treatment plan optimized to
minimize LOS and lower the chance of staff/visitor infection. Also, prior
knowledge of LOS can aid in logistics such as room and bed allocation
planning.

          </p>
          <a href="#about" class="btn-get-started scrollto">Read
More</a>
        </div>
      </div>

    </div>

    <a class="carousel-control-prev" href="#heroCarousel" role="button"
data-bs-slide="prev">
      <span class="carousel-control-prev-icon bi bi-chevron-left"
aria-hidden="true"></span>
    </a>

    <a class="carousel-control-next" href="#heroCarousel" role="button"
data-bs-slide="next">
      <span class="carousel-control-next-icon bi bi-chevron-right"
aria-hidden="true"></span>
    </a>
```

```html
      </div>
    </section><!-- End Hero -->

  <main id="main">

    <!-- ======= Featured Services Section ======= -->
    <section id="featured-services" class="featured-services">
      <div class="container" data-aos="fade-up">

        <div class="row">
          <div class="col-md-6 col-lg-3 d-flex align-items-stretch mb-5
mb-lg-0">
            <div class="icon-box" data-aos="fade-up" data-aos-delay="100">
              <div class="icon"><i class="fas fa-heartbeat"></i></div>
              <h4 class="title"><a href="">DASHBOARD</a></h4>
              <p class="description">A dashboard helps you to monitor
events or activities at a glance by providing key insights and analysis
about your data on one or more pages or screens.</p>
            </div>
          </div>

          <div class="col-md-6 col-lg-3 d-flex align-items-stretch mb-5
mb-lg-0">
            <div class="icon-box" data-aos="fade-up" data-aos-delay="200">
              <div class="icon"><i class="fas fa-pills"></i></div>
              <h4 class="title"><a href="">VISUALIZATION</a></h4>
              <p class="description">Reporting provides you with a preview
of your visualization, using simulated data. This allows you to view your
style changes without running your report.</p>
            </div>
          </div>

          <div class="col-md-6 col-lg-3 d-flex align-items-stretch mb-5
mb-lg-0">
            <div class="icon-box" data-aos="fade-up" data-aos-delay="300">
              <div class="icon"><i class="fas fa-thermometer"></i></div>
              <h4 class="title"><a href="">REPORT</a></h4>
              <p class="description">Reports are usually created by
professional report authors who have a good knowledge of the data and
tools</p>
```

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

          <div class="col-md-6 col-lg-3 d-flex align-items-stretch mb-5
mb-lg-0">
            <div class="icon-box" data-aos="fade-up" data-aos-delay="400">
              <div class="icon"><i class="fas fa-dna"></i></div>
              <h4 class="title"><a href="">STORY</a></h4>
              <p class="description">A story is a type of view. A story is
composed of a set of scenes that are displayed in sequence over time.
Stories can be used to provide your data with a visual narrative.</p>
            </div>
          </div>

        </div>

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



    <!-- ======= About Us Section ======= -->
    <section id="about" class="about">
      <div class="container" data-aos="fade-up">

        <div class="section-title">
          <h2>About Us</h2>
          <p>Our Medstay Healthcare aspires to deliver outstanding patient
experiences with world class expertise backed by next generation medical
and digital technologies because you deserve the best of care and are at
the core of everything we do</p>
        </div>

        <div class="row">
          <div class="col-lg-6" data-aos="fade-right">
            <img src="C:\Users\DELL\Downloads\image (5).png"
class="img-fluid" alt="">
          </div>
          <div class="col-lg-6 pt-4 pt-lg-0 content" data-aos="fade-left">
            <p class="fst-italic">
```

Predictive analytics is an increasingly important tool in the healthcare field since modern machine learning (ML) methods can use large amounts of available data to predict individual outcomes for patients. For example, ML predictions can help healthcare providers determine the likelihoods of disease, aid in the diagnosis, recommend treatment, and predict future wellness. For this project, I chose to focus on a more logistical metric of healthcare, hospital length-of-stay (LOS). LOS is defined as the time between hospital admission and discharge measured in days.The expected outcome of this project is to develop a model that will be better at predicting hospital LOS than the industry standards of median and average LOS. The median LOS is simply the median LOS of past admissions to a hospital. Similarly, a second commonly used metric in healthcare is the average, or mean LOS.For example, a perfect prediction model would have an RMSE of 0. The RMSE equation for this work is given as follows, where (n) is the number of hospital admission records, (y-hat) the prediction LOS, and (y) is the actual LOS.To measure performance, I'll compare the prediction model against the median and average LOS using the root-mean-square error (RMSE). The RMSE is a commonly used measure of the differences between values predicted by a model and the values observed, where a lower score implies better accuracy.
            </p>
          </div>
        </div>

    </div>
  </section><!-- End About Us Section -->
  <section id="about" class="about">
    <div class="container" data-aos="fade-up">

      <div class="section-title">
   <h1>DASHBOARD</h1>
   <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRe
f=.my_folders%2FDashboard%2B1&closeWindowOnLastView=true&ui_appbar
=false&ui_navbar=false&shareMode=embedded&action=view&mode
=dashboard&subView=model00000184867da35e_00000003" width="1260"
height="800" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
    <iframe

```
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2Fdashboard%2B5&amp;closeWindowOnLastView=true&amp;ui_appbar
=false&amp;ui_navbar=false&amp;shareMode=embedded&amp;action=view&amp;mode
=dashboard&amp;subView=model000001848a6f20ea_00000002" width="1260"
height="800" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
    <section id="about" class="about">
      <div class="container" data-aos="fade-up">

        <div class="section-title">
    <h1>VISUALISATION</h1>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2Fbubbles%2Band%2Bradial%2Bdashboard&amp;closeWindowOnLastVi
ew=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embedded&amp
;action=view&amp;mode=dashboard&amp;subView=model00000184858005219_00000002
" width="1260" height="800" frameborder="0" gesture="media"
allow="encrypted-media" allowfullscreen=""></iframe>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2FAge%2Bwise%2Bpatient%2Bvisualisation&amp;closeWindowOnLast
View=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embedded&a
mp;action=view&amp;mode=dashboard" width="1260" height="800"
frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2Fdashboard%2Blist%2Bof%2Bpatients&amp;closeWindowOnLastView
=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embedded&amp;a
ction=view&amp;mode=dashboard&amp;subView=model00000184857057a4_00000002"
width="1260" height="800" frameborder="0" gesture="media"
allow="encrypted-media" allowfullscreen=""></iframe>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2FNumber%2Bof%2Bpatients%2Bby%2Bward%2Btype&amp;closeWindowO
nLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode=embed
ded&amp;action=view&amp;mode=dashboard&amp;subView=model000001848565ef33_0
0000002" width="1260" height="800" frameborder="0" gesture="media"
allow="encrypted-media" allowfullscreen=""></iframe>
    <iframe
```

```html
src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&amp;pathRe
f=.my_folders%2Fdashboard%2Bshowing%2Bwaterfall%252Cpie%252Cbar&amp;closeW
indowOnLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&amp;shareMode
=embedded&amp;action=view&amp;mode=dashboard&amp;subView=model000001848589
b078_00000000" width="1260" height="800" frameborder="0" gesture="media"
allow="encrypted-media" allowfullscreen=""></iframe>
    <section id="about" class="about">
      <div class="container" data-aos="fade-up">

        <div class="section-title">
    <h1>REPORT</h1>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2Freport%2B1
&amp;closeWindowOnLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&am
p;shareMode=embedded&amp;action=run&amp;prompt=false" width="1260"
height="800" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2Freport%2B2
&amp;closeWindowOnLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&am
p;shareMode=embedded&amp;action=run&amp;prompt=false" width="1260"
height="800" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
    <iframe
src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2Freport%2B3
&amp;closeWindowOnLastView=true&amp;ui_appbar=false&amp;ui_navbar=false&am
p;shareMode=embedded&amp;action=run&amp;prompt=false" width="1260"
height="800" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>

    <!-- ======= Appointment Section ======= -->
    <section id="appointment" class="appointment section-bg">
      <div class="container" data-aos="fade-up">

        <div class="section-title">
          <h2>Make an Appointment</h2>
          <p></p>
        </div>

        <form action="forms/appointment.php" method="post" role="form"
```

```html
class="php-email-form" data-aos="fade-up" data-aos-delay="100">
          <div class="row">
            <div class="col-md-4 form-group">
              <input type="text" name="name" class="form-control"
id="name" placeholder="Your Name" required>
            </div>
            <div class="col-md-4 form-group mt-3 mt-md-0">
              <input type="email" class="form-control" name="email"
id="email" placeholder="Your Email" required>
            </div>
            <div class="col-md-4 form-group mt-3 mt-md-0">
              <input type="tel" class="form-control" name="phone"
id="phone" placeholder="Your Phone" required>
            </div>
          </div>
          <div class="row">
            <div class="col-md-4 form-group mt-3">
              <input type="datetime" name="date" class="form-control
datepicker" id="date" placeholder="Appointment Date" required>
            </div>
            <div class="col-md-4 form-group mt-3">
              <select name="department" id="department"
class="form-select">
                <option value="">Select Department</option>
                <option value="Department 1">Department 1</option>
                <option value="Department 2">Department 2</option>
                <option value="Department 3">Department 3</option>
              </select>
            </div>
            <div class="col-md-4 form-group mt-3">
              <select name="doctor" id="doctor" class="form-select">
                <option value="">Select Doctor</option>
                <option value="Doctor 1">Doctor 1</option>
                <option value="Doctor 2">Doctor 2</option>
                <option value="Doctor 3">Doctor 3</option>
              </select>
            </div>
          </div>

          <div class="form-group mt-3">
```

```html
          <textarea class="form-control" name="message" rows="5"
placeholder="Message (Optional)"></textarea>
          </div>
          <div class="my-3">
            <div class="loading">Loading</div>
            <div class="error-message"></div>
            <div class="sent-message">Your appointment request has been
sent successfully. Thank you!</div>
          </div>
          <div class="text-center"><button type="submit">Make an
Appointment</button></div>
        </form>

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

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

<!-- ======= Footer ======= -->
<footer id="footer">
  <div class="footer-top">
    <div class="container">
      <div class="row">

        <div class="col-lg-3 col-md-6">
          <div class="footer-info">
            <h3>Medstay</h3>
            <p>
              14B4,Richie Street,Chennai<br><br>
              <strong>Phone:</strong> medstay@gmail.com<br>
              <strong>Email:</strong>9341376454 <br>
            </p>
            <div class="social-links mt-3">
              <a href="#" class="twitter"><i class="bx
bxl-twitter"></i></a>
              <a href="#" class="facebook"><i class="bx
bxl-facebook"></i></a>
              <a href="#" class="instagram"><i class="bx
bxl-instagram"></i></a>
              <a href="#" class="google-plus"><i class="bx
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```html
bxl-skype"></i></a>
                <a href="#" class="linkedin"><i class="bx
bxl-linkedin"></i></a>
              </div>
            </div>
          </div>

          <div class="col-lg-2 col-md-6 footer-links">
            <h4>Useful Links</h4>
            <ul>
              <li><i class="bx bx-chevron-right"></i> <a
href="#">Home</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">About
us</a></li>
              <li><i class="bx bx-chevron-right"></i> <a
href="#">Services</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Terms of
service</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Privacy
policy</a></li>
            </ul>
          </div>

          <div class="col-lg-3 col-md-6 footer-links">
            <h4>Our Services</h4>
            <ul>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Web
Design</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Web
Development</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Product
Management</a></li>
              <li><i class="bx bx-chevron-right"></i> <a
href="#">Marketing</a></li>
              <li><i class="bx bx-chevron-right"></i> <a href="#">Graphic
Design</a></li>
            </ul>
          </div>

          <div class="col-lg-4 col-md-6 footer-newsletter">
```

```html
              <h4></h4>
              <p></p>



          </div>


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


  <div class="container">
    <div class="copyright">
      &copy; Copyright <strong><span>Medstay</span></strong>. All Rights
Reserved
    </div>
    <div class="credits">
      <!-- All the links in the footer should remain intact. -->
      <!-- You can delete the links only if you purchased the pro
version. -->
      <!-- Licensing information: https://bootstrapmade.com/license/ -->
      <!-- Purchase the pro version with working PHP/AJAX contact form:
https://bootstrapmade.com/medicio-free-bootstrap-theme/ -->
      Designed by <a href="https://bootstrapmade.com/">BootstrapMade</a>
    </div>
  </div>
</footer><!-- End Footer -->

<div id="preloader"></div>
<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/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>
```

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

</body>

</html>
```