

# **IBM COGNOS EMBEDDED WITH WEB APPLICATION**

HOME PAGE :

Index.html

<!DOCTYPE

html>

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

```
<head>
```

```
<title>Data Analytics</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

```
<script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
```

```
<script
```

```
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<nav class="navbar navbar-inverse">
```

```
<div class="container-fluid">
```

```
<div class="navbar-header">
```

```
<a class="navbar-brand" href="about.html">Analytics for Hospitals' Health-Care  
Data</a>
```

```
</div>
```

```
<ul class="nav navbar-nav">
```

```
<li class="active"><a href="#">Home</a></li>
```

```
<li><a href="dashboard.html">Dashboard</a></li>
```

```
<li><a href="report.html">Report</a></li>
```

```
<li><a href="story.html">Story</a></li>
```

```
</ul>
```

```
</div>
```

```
</nav>
```

```
<div class="jumbotron">
```

```
<center> <h4><i><b>Team ID : PNT2022TMID41523 </b></i></h4></center>
```

```
</div>
```

```
<table class="table table-bordered">
```

```
<tbody>
```

```
<tr>
```

```
<td>Team Leader</td>
```

```
<td>Suba M</td>
```

```
</tr>
```

```
<tr>
```

```
        <td>Team member</td>
        <td>Magimai ilakkiya mary C</td>

    </tr>
    <tr>
        <td>Team member</td>
        <td>sneha SB</td>

    </tr>
    <tr>
        <td>Team member</td>
        <td>PriyaJency S </td>

    </tr>

</tbody>
</table>
</body>
</html>
```

## About Page :

```
<!DOCTYPE
html>

<html lang="en">
<head>

<title>Data Analytics</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<nav class="navbar navbar-inverse">
<div class="container-fluid">
<div class="navbar-header">
<a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
</div>
<ul class="nav navbar-nav">
<li class="active"><a href="index.html">Home</a></li>
<li><a href="dashboard.html">Dashboard</a></li>
<li><a href="report.html">Report</a></li>
<li><a href="story.html">Story</a></li>
</ul>
</div>
</nav>

<div class="container">
<b>Analytics For Hospitals' Health-Care Data</b>
<br><br>

Recent Covid-19 Pandemic has raised alarms over one of the most overlooked areas to
focus: HealthcareManagement.
While healthcare management has various use cases for using data science, patient length
of stay is one critical parameter to observe and predict if one wants to improve the
efficiency of the healthcare management in a hospital.
This parameter helps 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.
Suppose you have been hired as Data Scientist of Health Man a not for profit organization
dedicated to manage the functioning of Hospitals in a professional and optimal manner.
<br><br>
```

<br><br>

<b>Goal:</b>

<br><br>

The goal is to accurately 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. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.

<br>

<br><br>

<b>Technical Architecture:</b>

<br>

<br><br>



</div>

</body>

</html>

## OUTPUT :

The screenshot shows a web browser window with the URL `File | C:/Users/apoor/OneDrive/Desktop/web%20page/about.html`. The browser tabs include 'Inbox (2,963) - apoorvkarl@gmail.com', 'Welcome to Project Delighted!', 'IBM', 'IBM-Project-1325-1658384301', and 'Data Analytics'. The web application has a navigation bar with 'Home', 'Dashboard', 'Report', and 'Story'. The main content area is titled 'Analytics For Hospitals' Health-Care Data' and contains the following text:

**Analytics For Hospitals' Health-Care Data**

Recent Covid-19 Pandemic has raised alarms over one of the most overlooked areas to focus: HealthcareManagement. While healthcare management has various use cases for using data science, patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the healthcare management in a hospital. This parameter helps 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. Suppose you have been hired as Data Scientist of Health Man a not for profit organization dedicated to manage the functioning of Hospitals in a professional and optimal manner.

**Goal:**

The goal is to accurately 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. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.

**Technical Architecture:**

The diagram illustrates the technical architecture. It features a 'User' icon on the left, an 'IBM COGNOS' logo in the center, and a 'Data' database icon on the right. A double-headed arrow labeled '1' connects the User and IBM COGNOS. A single-headed arrow labeled '2' points from the Data database to the IBM COGNOS logo.

The bottom of the screenshot shows a Windows taskbar with the date '19-11-2022' and time '11:52'.

## DASHBOARD PAGE :

```
<!Doctype html>
<html lang="en">
<head>
<title>Data Analytics</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

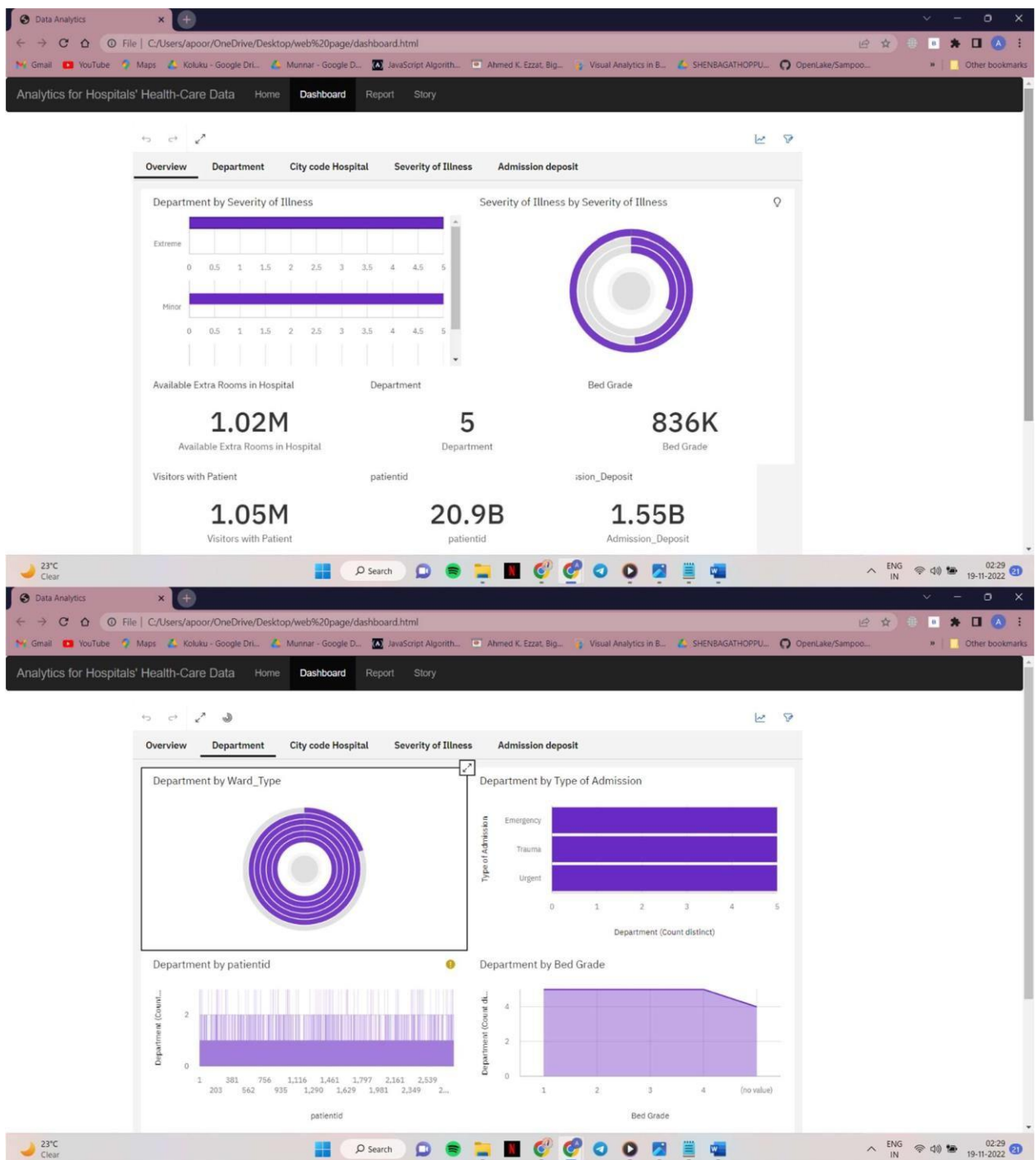
</head>
<body>

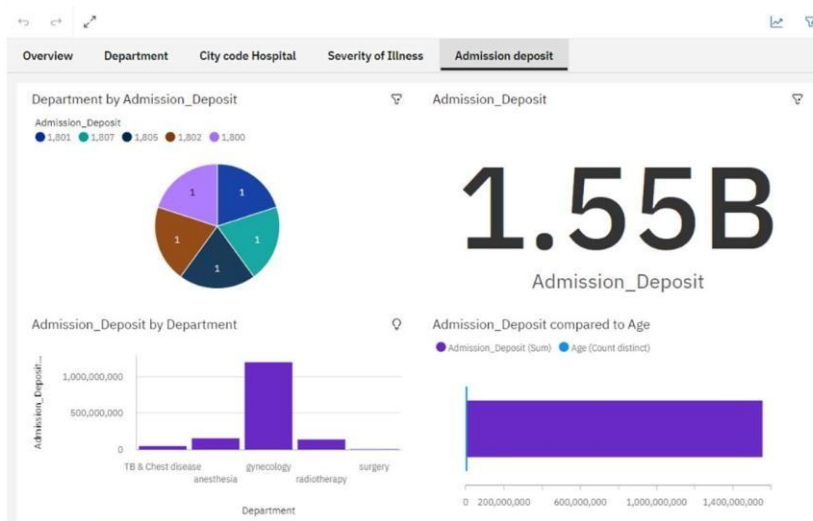
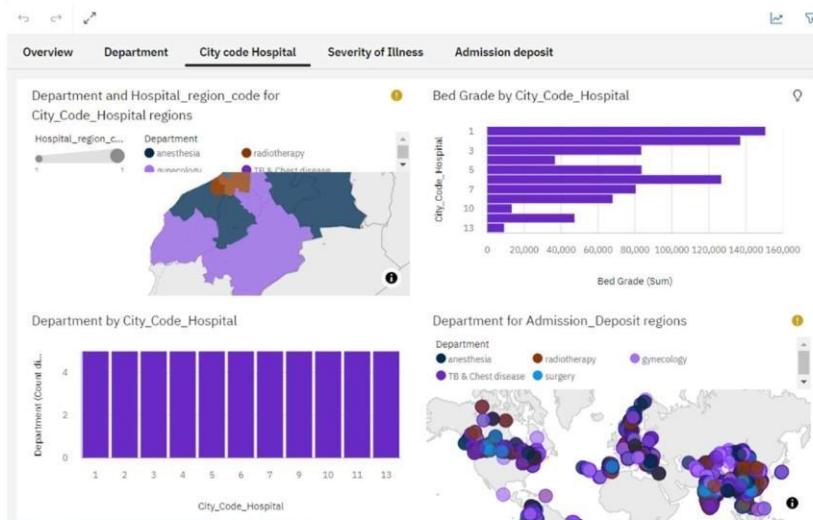
<nav class="navbar navbar-inverse ">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.html">Home</a></li>
      <li class="active"><a href="#">Dashboard</a></li>
      <li><a href="report.html">Report</a></li>
      <li><a href="story.html">Story</a></li>
    </ul>
  </div>
</nav>

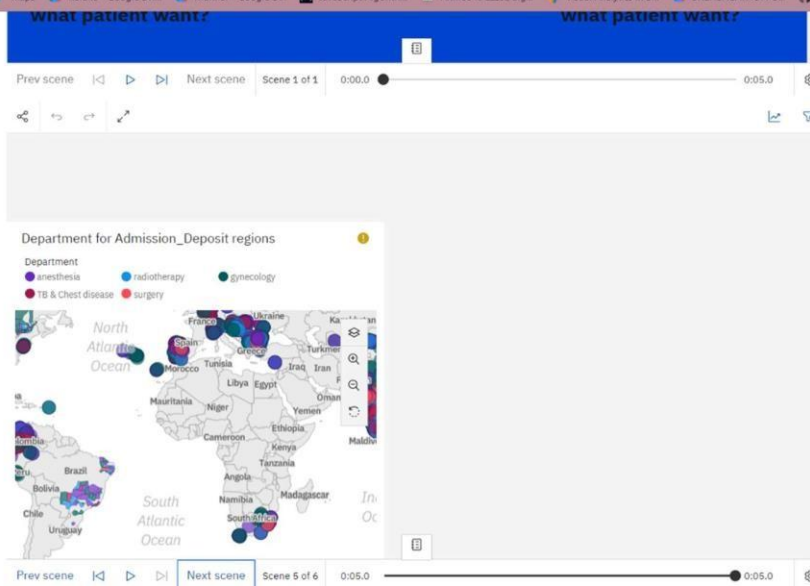
<div class="container">
  <iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsprint
3&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&
&action=view&mode=dashboard&subView=model000001848bea4a5e_00000000" width="1000"
height="900" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
</div>

</body>
</html>
```

## OUTPUT :









## REPORT PAGE :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Data Analytics</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<nav class="navbar navbar-inverse ">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.html">Home</a></li>
      <li><a href="dashboard.html">Dashboard</a></li>
      <li class="active"><a href="#">Report</a></li>
      <li><a href="story.html">Story</a></li>

    </ul>
  </div>
</nav>

<div class="container">

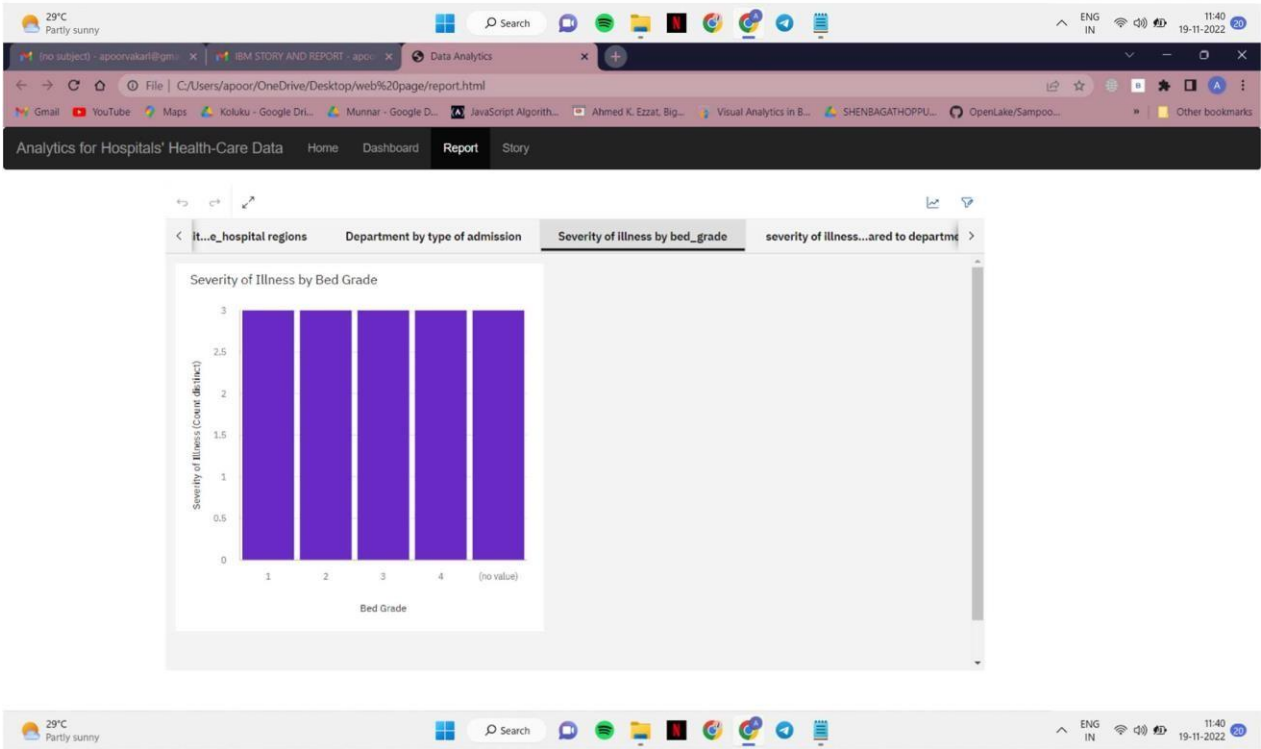
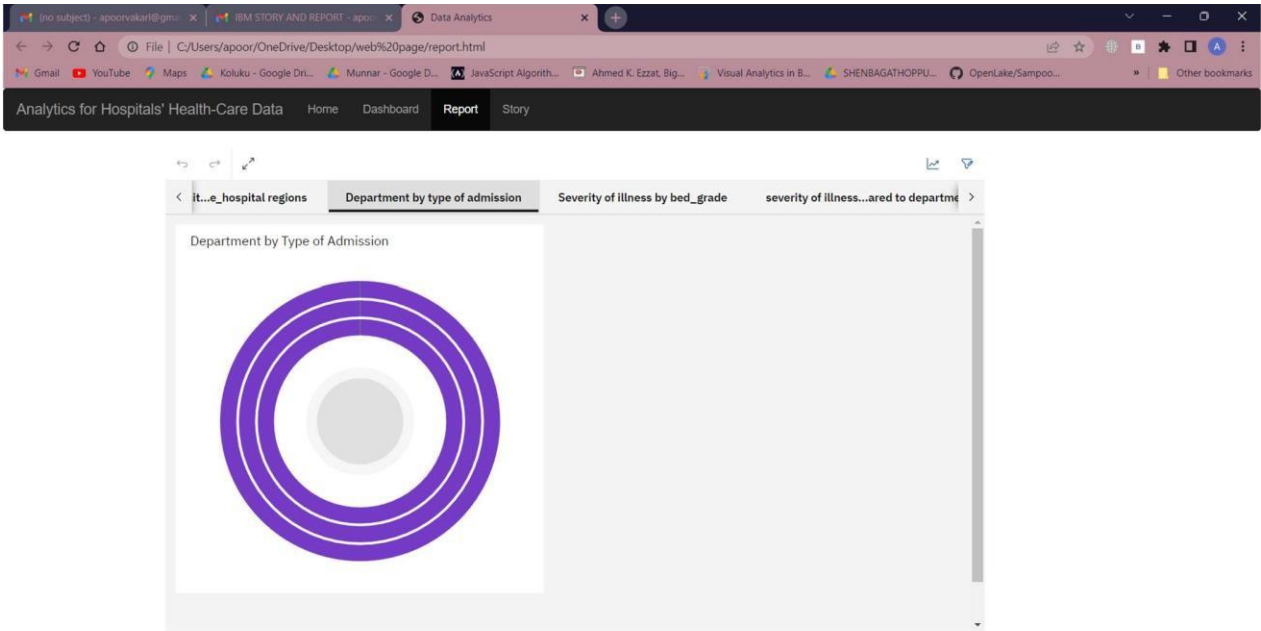
<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FSprint
4%2Breport%2Bcreation&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&
;shareMode=embedded&action=view&mode=dashboard&subView=model000001848e402dbc_00000000
0" width="1000" height="600" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>

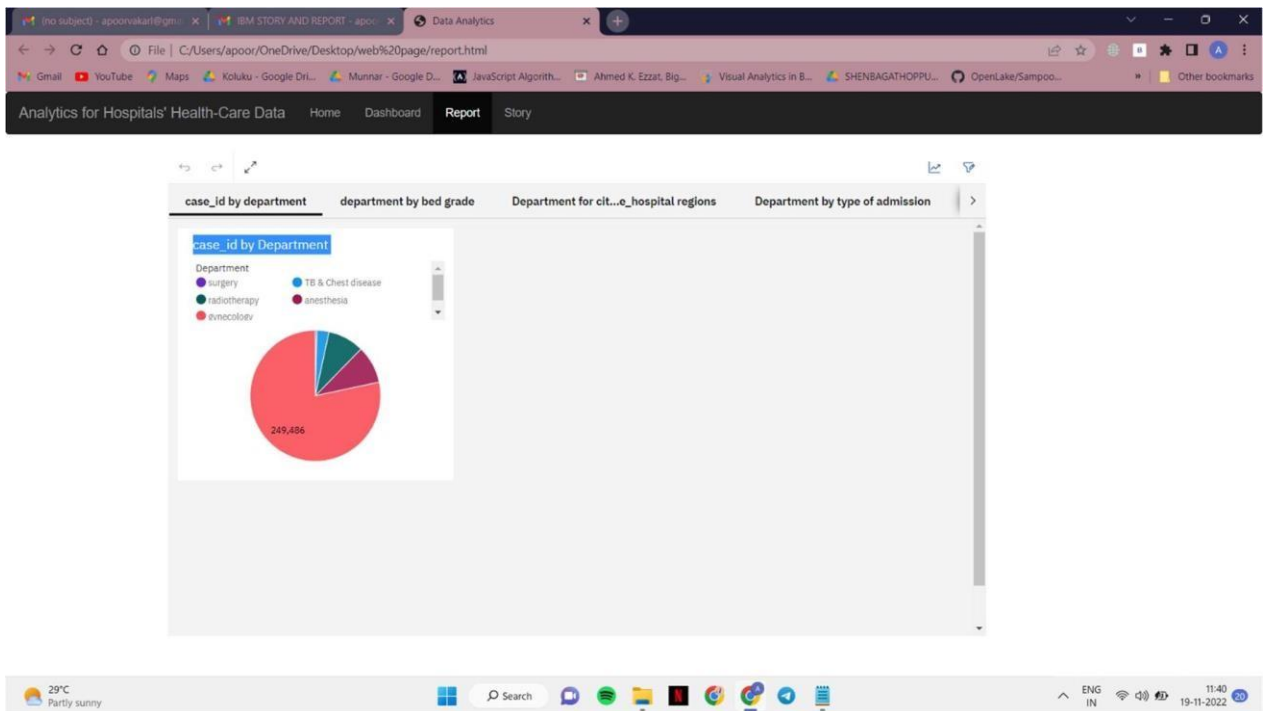
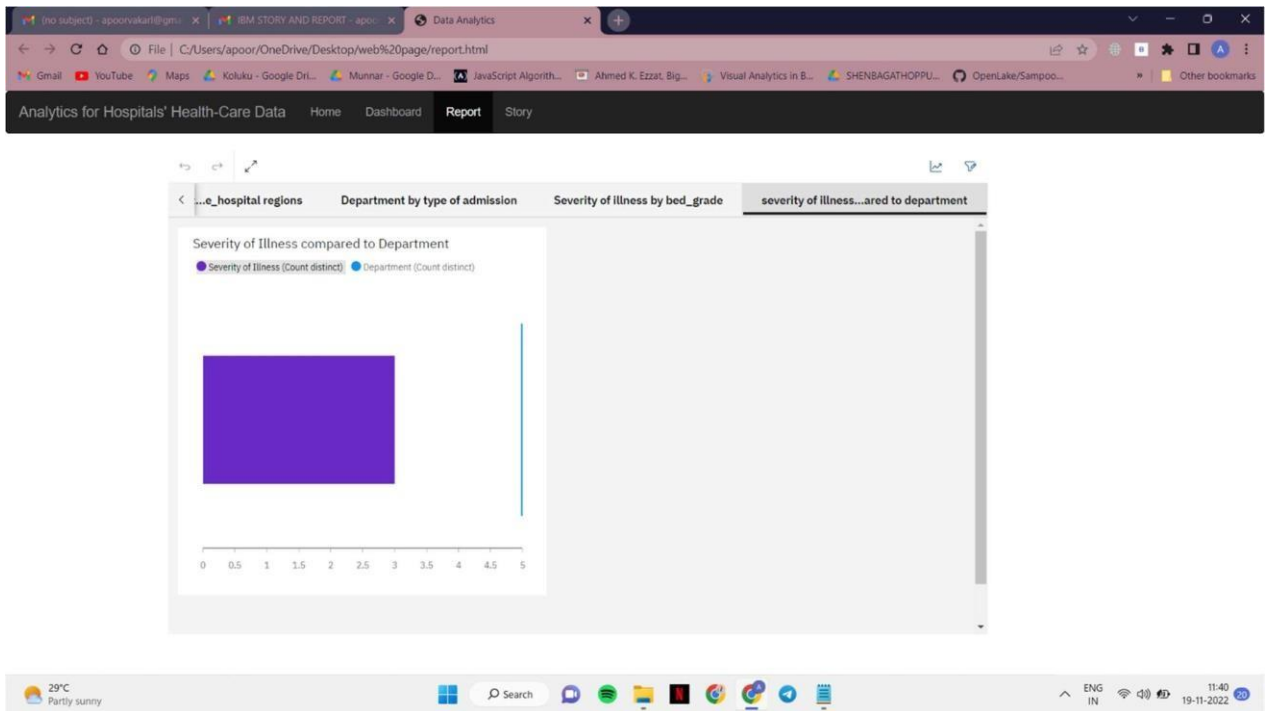
</br>

</div>

</body>
</html>
```

OUTPUT:





## STORY :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Data Analytics</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<nav class="navbar navbar-inverse ">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.html">Home</a></li>
      <li><a href="dashboard.html">Dashboard</a></li>
      <li><a href="report.html">Report</a></li>
      <li class="active"><a href="#">Story</a></li>

    </ul>
  </div>
</nav>

<div class="container">
<p>Story of Health-care data</p>
<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FNew%2Bstory
&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&am
p;action=view&sceneId=model000001848e2967c2_000000002&sceneTime=0" width="1000"
height="600" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
</br>
</div>
<div class="container">

<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FNew%2Bstory
2&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&a
```

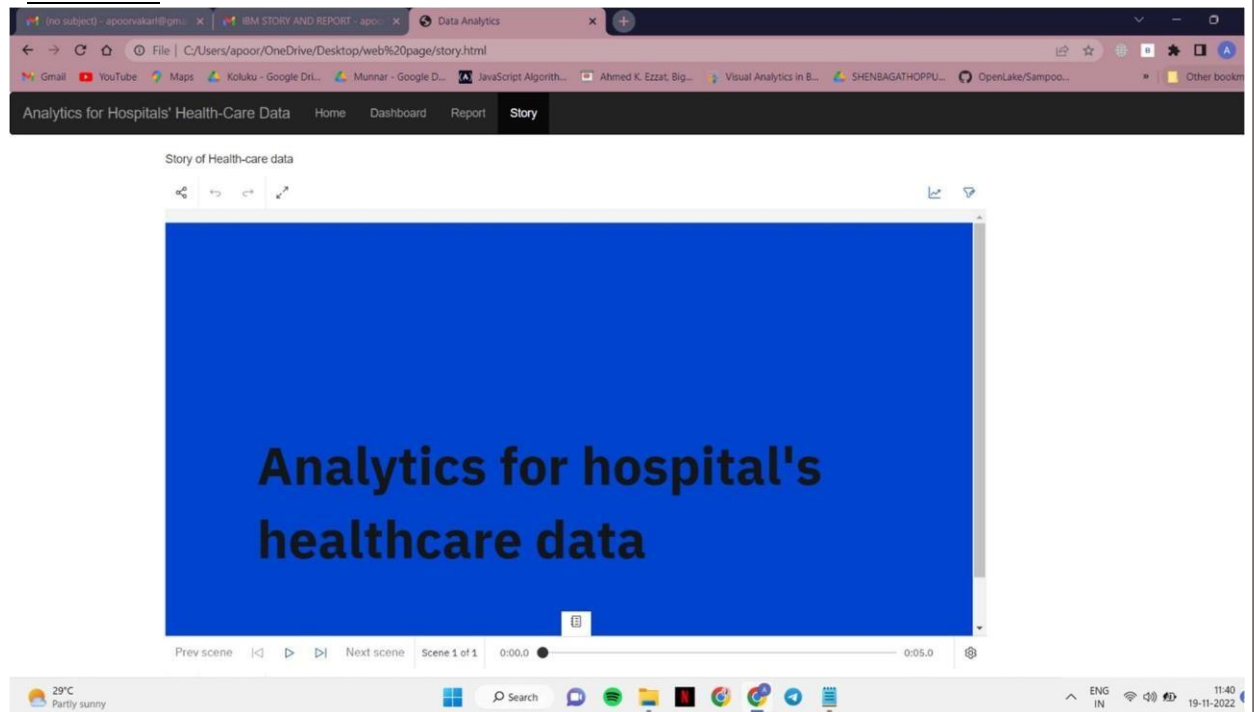
```
mp;action=view&sceneId=model000001848e2f216f_00000000&sceneTime=0" width="1000"
height="600" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
</br>
</div>
```

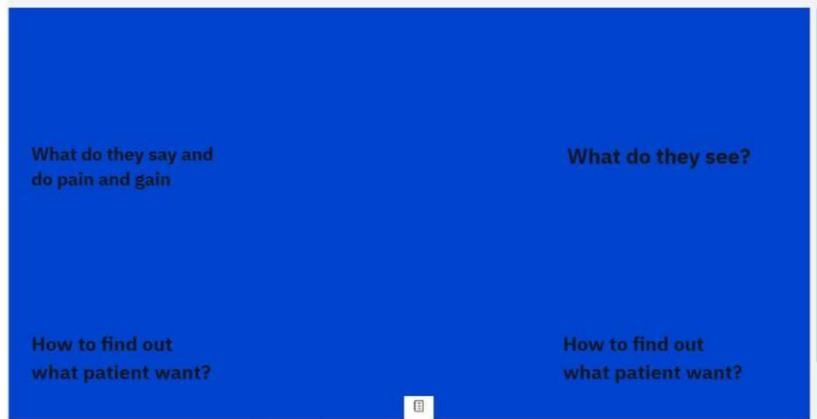
```
<div class="container">
<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FNew%2Bstory
3&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&a
mp;action=view&sceneId=model000001848e33666e_00000002&sceneTime=0" width="1000"
height="600" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
</br>
</div>
```

```
</body>
```

```
</html>
```

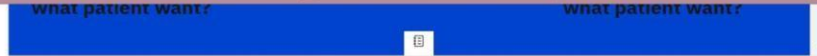
## OUTPUT :





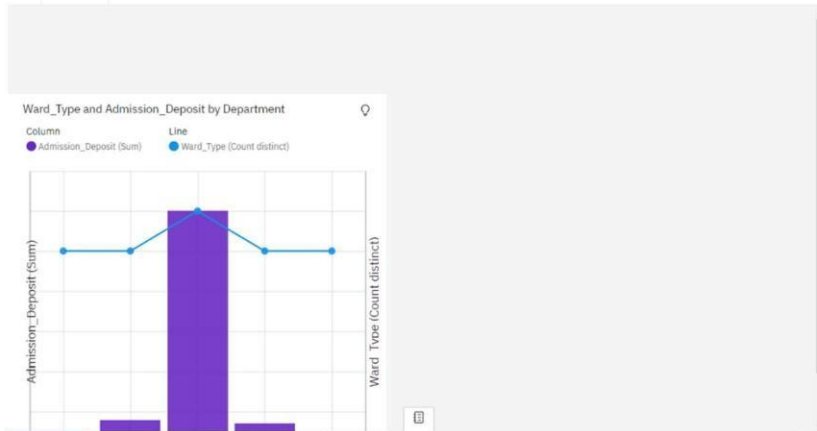
Prev scene |< |> Next scene | Scene 1 of 1 | 0:00.0 | 0:05.0

% |< |> |>



Prev scene |< |> Next scene | Scene 1 of 1 | 0:00.0 | 0:05.0

% |< |> |>



Prev scene |< |> Next scene | Scene 4 of 6 | 0:02.7 | 0:05.0

% |< |> |>

