

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 : PNT2022TMID18479 </b></i></h4></center>
```

```
</div>
```

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

```
<tbody>
```

```
<tr>
```

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

```
<td>Apoorva GK</td>
```

```
</tr>
```

```
<tr>
```

```

        <td>Team member</td>
        <td>Bharathi Leela A</td>

    </tr>
    <tr>
        <td>Team member</td>
        <td>Bhoomika A</td>

    </tr>
    <tr>
        <td>Team member</td>
        <td>Deepa Rani S</td>

    </tr>

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

```

OUTPUT :

The screenshot shows a web browser window with multiple tabs. The active tab is 'Data Analytics'. The address bar shows the file path: 'C:/Users/apoor/OneDrive/Desktop/web%20page/index.html'. The browser's bookmark bar includes links to Gmail, YouTube, Maps, and several Google Drive links. The website's header is 'Analytics for Hospitals' Health-Care Data' with a navigation menu: Home, Dashboard, Report, Story. The main content area has a grey header with the text 'Team ID : PNT2022TMID18479'. Below this is a table with four rows and two columns. The first row is 'Team Leader' with the value 'Apoorva GK'. The next three rows are 'Team member' with values 'Bharathi Leela A', 'Bhoomika A', and 'Deepa Rani S' respectively. The Windows taskbar at the bottom shows the date as 19-11-2022 and the time as 11:53.

Team ID : PNT2022TMID18479	
Team Leader	Apoorva GK
Team member	Bharathi Leela A
Team member	Bhoomika A
Team member	Deepa Rani S

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>
```


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:

</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) - apoorvakar@gmail.com', 'Welcome to Project! Delighted to...', 'IBM', 'IBM-Project-1325-1658384301...', and 'Data Analytics'. The browser's address bar shows the file path. The web application has a dark header with the title 'Analytics for Hospitals' Health-Care Data' and navigation links: 'Home', 'Dashboard', 'Report', and 'Story'. The main content area is titled 'Analytics For Hospitals' Health-Care Data' and contains the following text:

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:

```
graph LR; User((User)) -- 1 --> IBM[IBM COGNOS]; IBM -- 2 --> Data[(Data)];
```

The diagram illustrates the technical architecture. It shows a 'User' (represented by a person icon) connected to 'IBM COGNOS' (represented by the IBM logo) via a bidirectional arrow labeled '1'. 'IBM COGNOS' is then connected to a 'Data' source (represented by a cylinder icon) via a bidirectional arrow labeled '2'.

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>

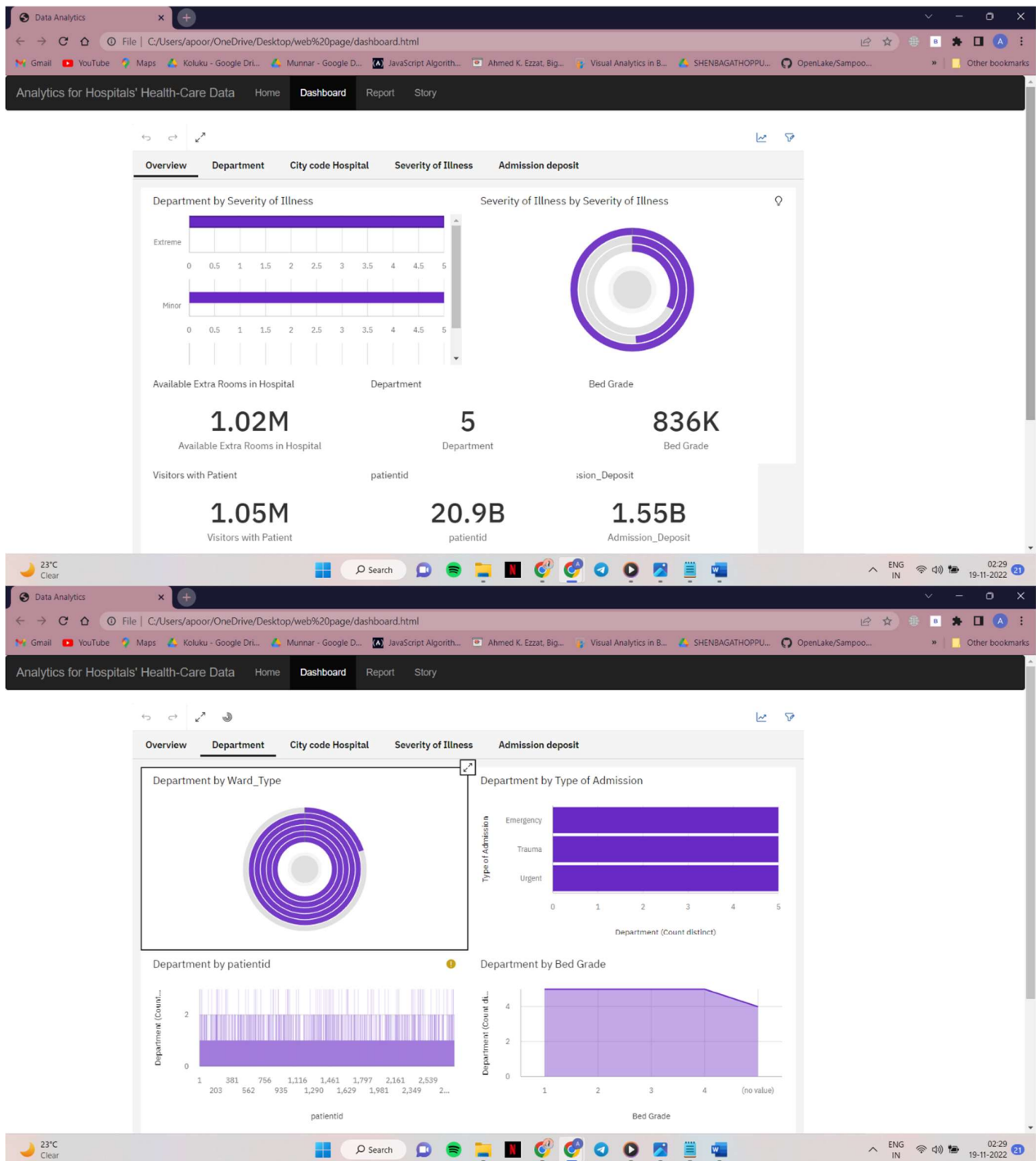
</head>
<body>

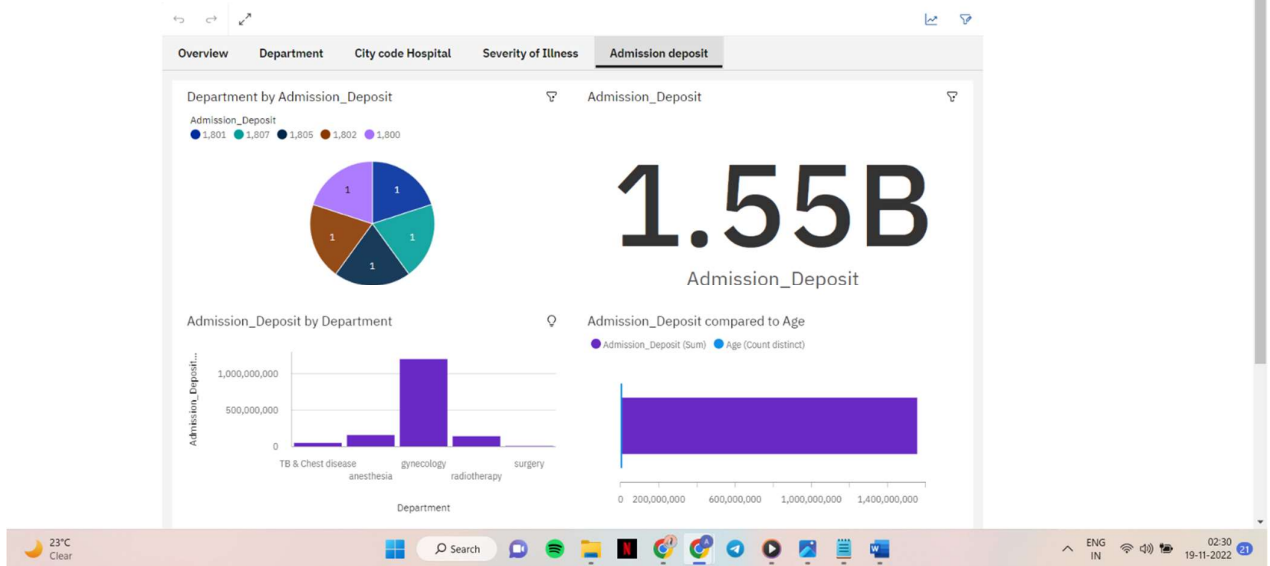
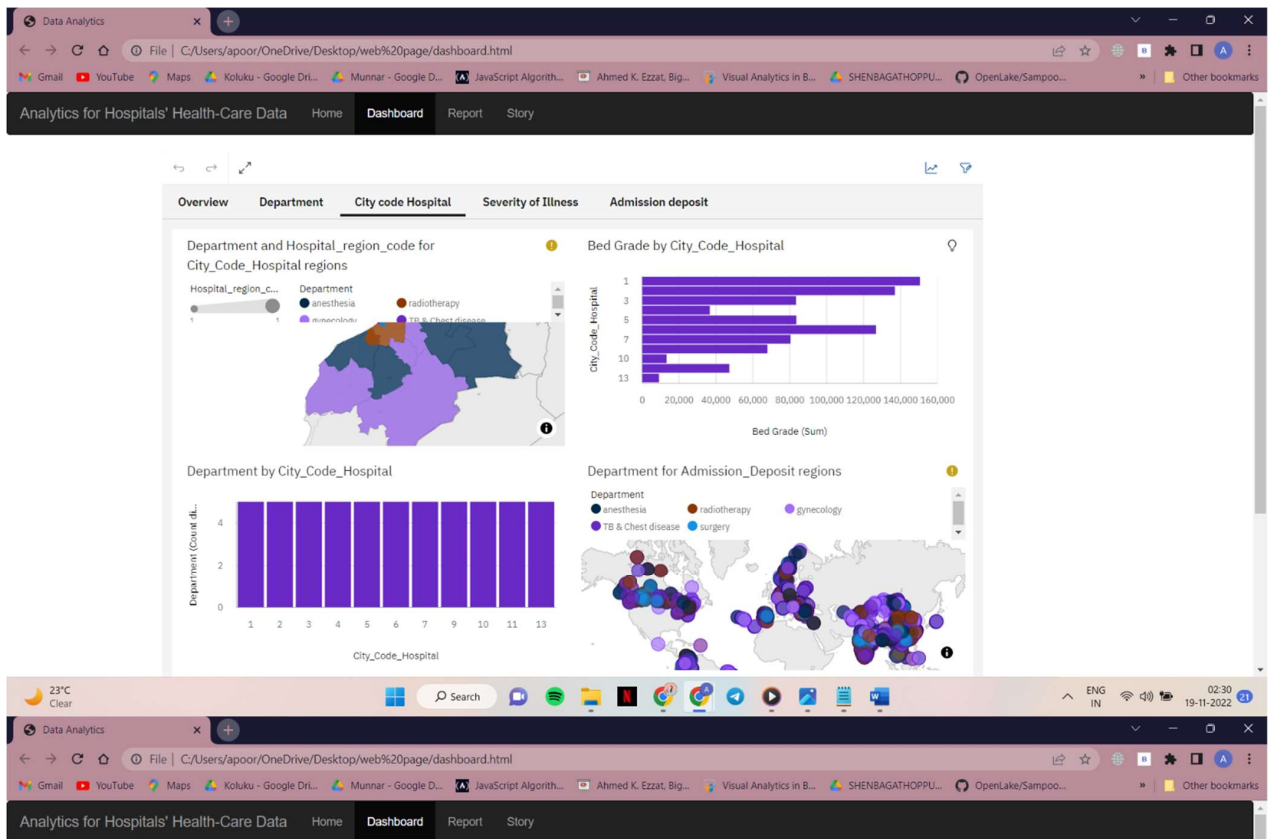
<nav class="navbar navbar-inverse ">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.html">Home</a></li>
      <li class="active"><a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

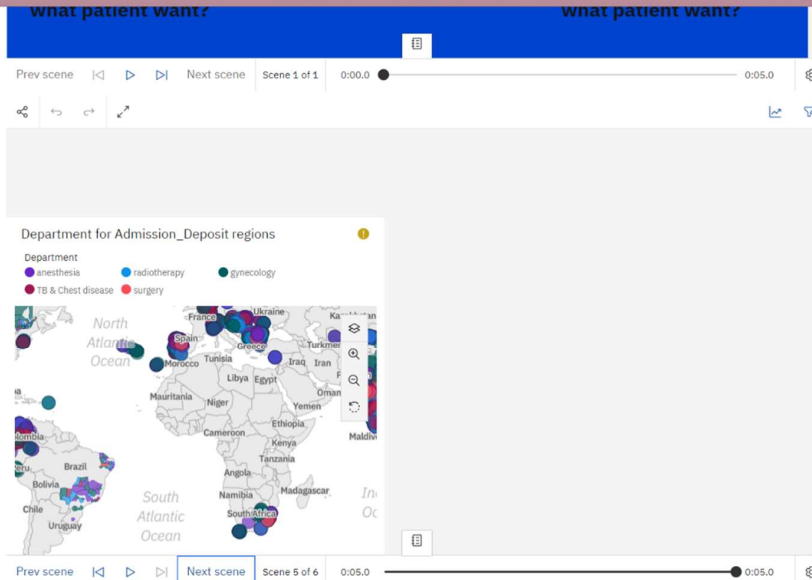
<div class="container">
  <iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsprint
3&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&
&action=view&mode=dashboard&subView=model000001848bea4a5e_00000000" width="1000"
height="900"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

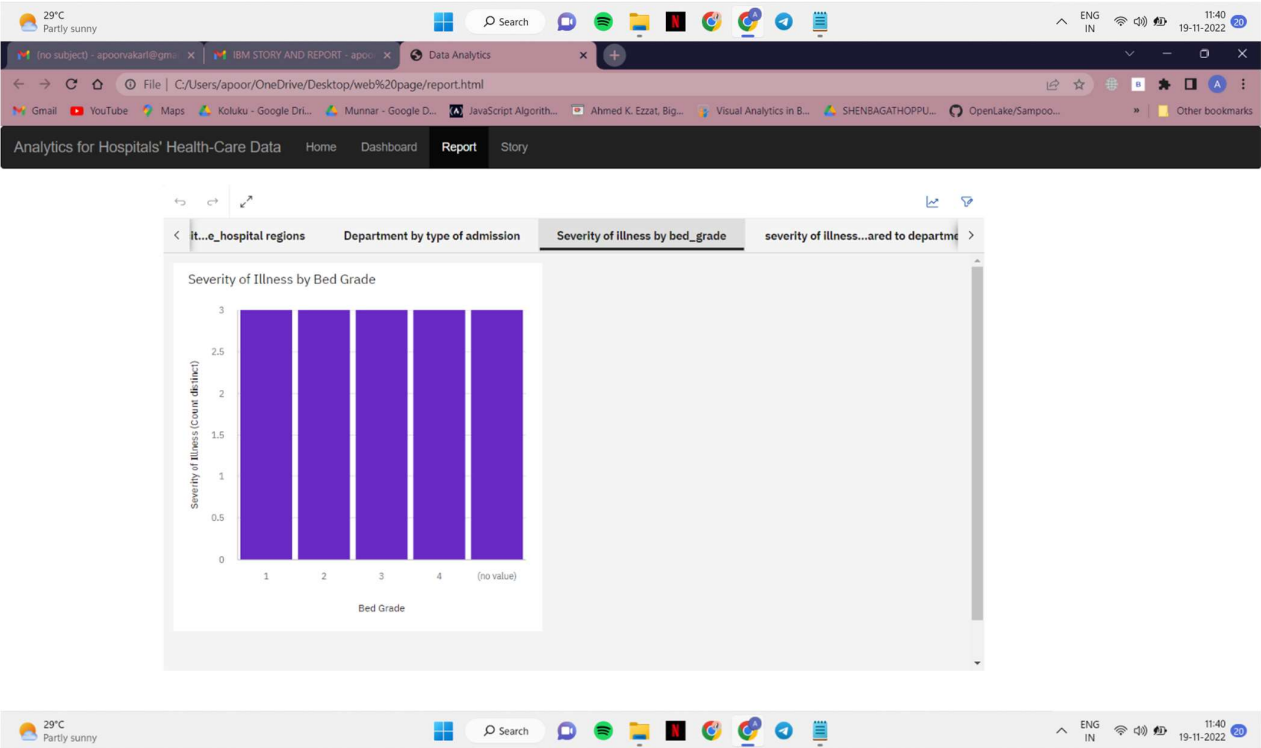
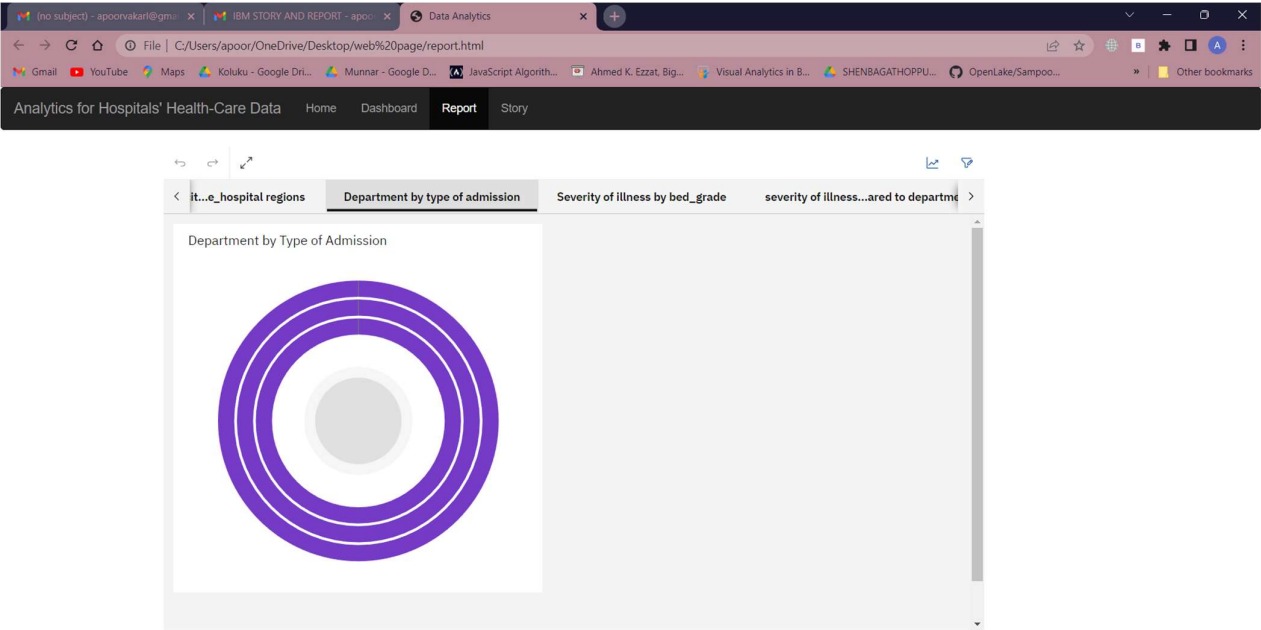
<div class="container">

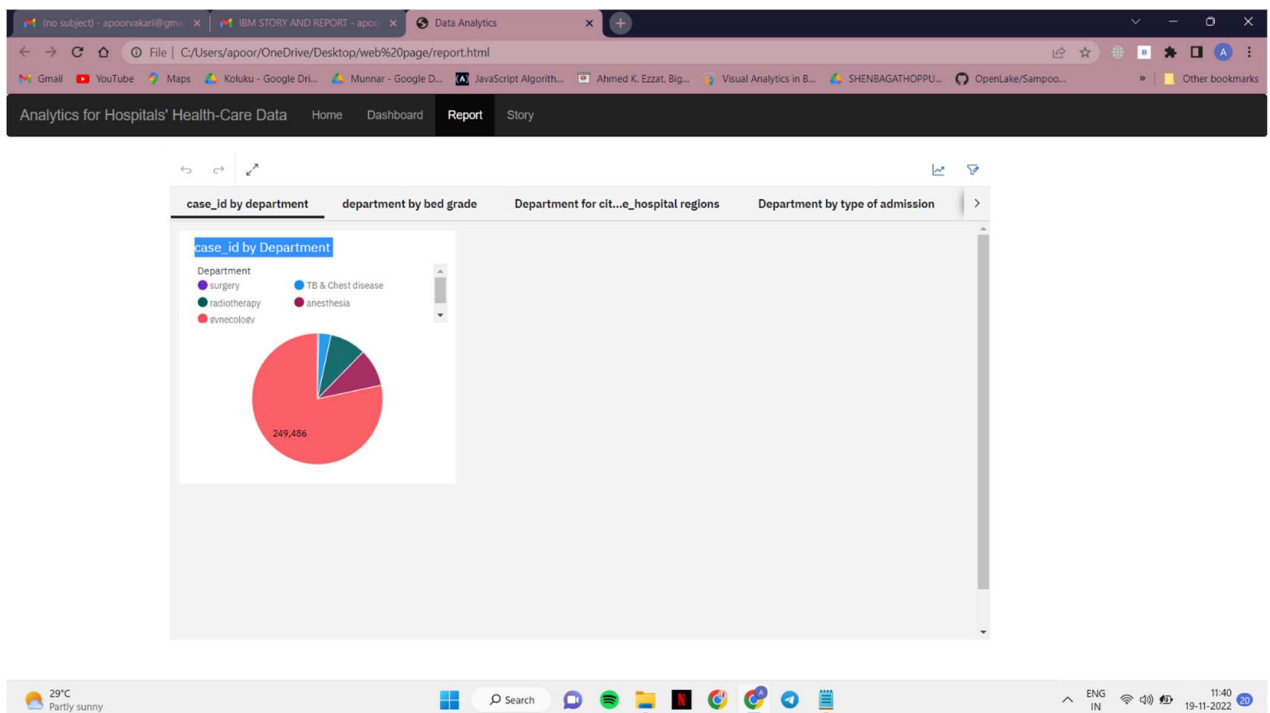
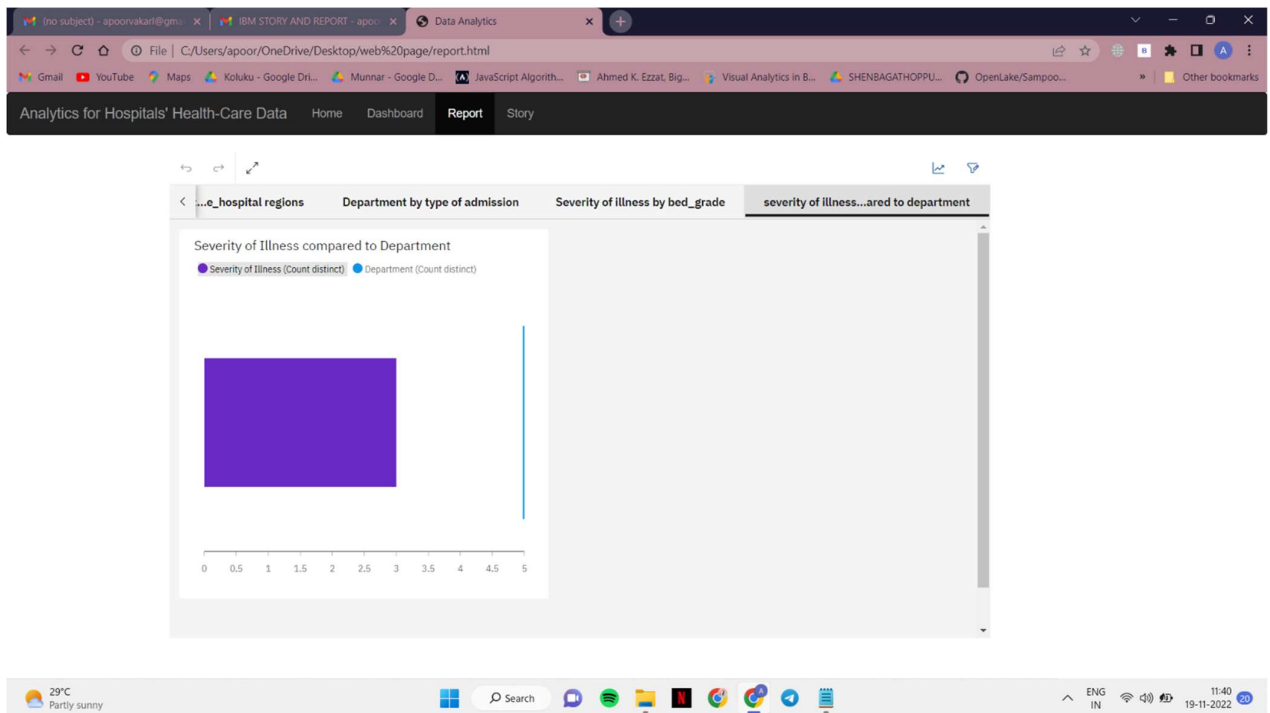
<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FSprint
4%2Breport%2Bcreation&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&
shareMode=embedded&action=view&mode=dashboard&subView=model000001848e402dbc_0000000
0" width="1000" height="600" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>

</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&a
p;action=view&sceneId=model000001848e2967c2_00000002&sceneTime=0" width="1000"
height="600" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
</br>
</div>
<div class="container">

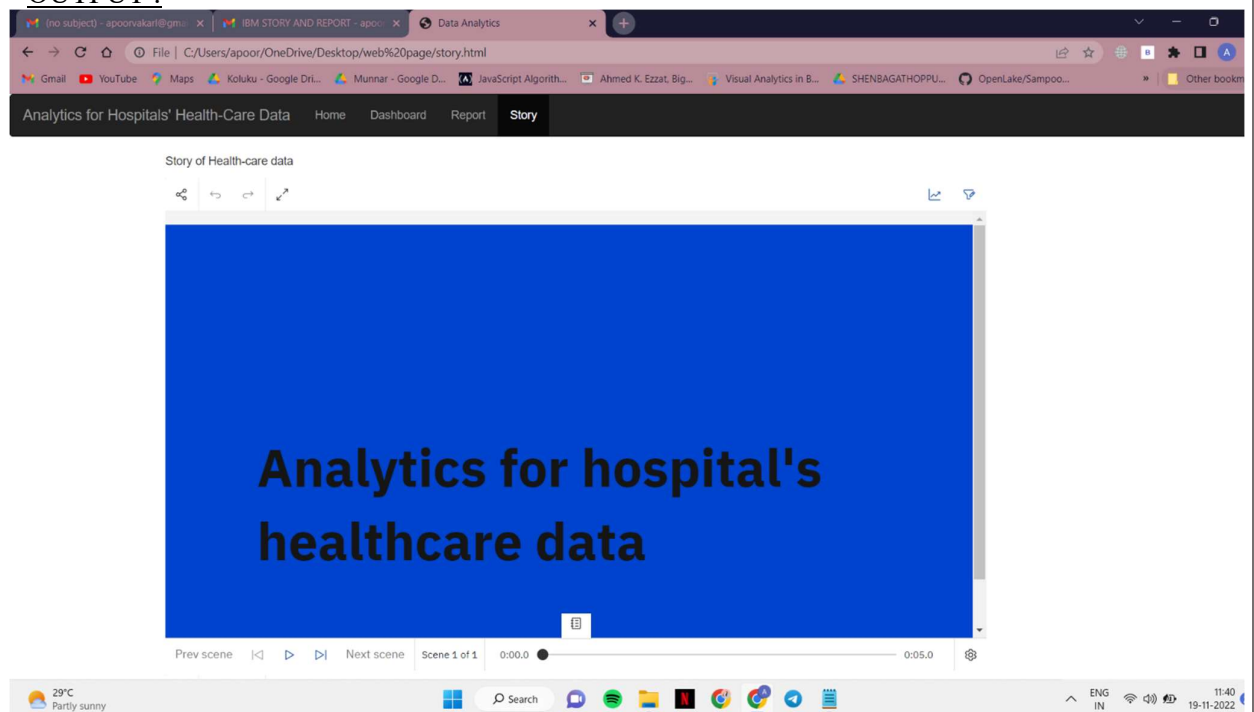
<iframe
src="https://us3.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2FNew%2Bstory
2&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&a
```

```
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

% < > ↺

