Team ID	PNT2022TMID20086
Project Name	Estimate The Crop Yield Using Data Analytics

DASHBOARD WEBSITE CODES

The dashboard is created using IBM Cognos tool which efficiently visualises a given data. The design is incorporated along with page and provides excellent insights on various data regarding crops.

User_page

```
<?php
@include 'config.php';
session_start();
if(!isset($_SESSION['user_name'])){
header('location:login_form.php');
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">    <title>user page</title>

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en;
 background-color: transparent;   text-
decoration: none;
```

```
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;
 background-color: transparent;   text-
decoration: none;
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;
 background-color: transparent;   text-
decoration: underline;
}

a:active {   color:
yellow;   background-
color: transparent;
```

```
text-decoration:
underline;
}
</style>
  <!-- custom css file link  -->
  <link rel="stylesheet" href="css/style.css">

</head>
<body>

<div class="container">

  <div class="content">
    <h3>Welcome <span><?php echo $_SESSION['user_name']
?></span></h3>      <br><br>
    <h1>Estimation of Crop yeild analysis of India</h1>
    <br><br>

<br><br>
<p><a
href="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i26
50535E
EED740C6A90F8CCE7678723E&objRef=i2650535EEED740C6A90F8C
CE7678
723E&options%5BdisableGlassPrefetch%5D=true&options%5Bcollection
s%5D%
5BcanvasExtension%5D%5Bid%5D=com.ibm.bi.dashboard.canvasExtens
ion&opt
ions%5Bcollections%5D%5BfeatureExtension%5D%5Bid%5D=com.ibm
.bi.dashb oard.core-
features&options%5Bcollections%5D%5Bbuttons%5D%5Bid%5D=com.i
bm.bi.da
shboard.buttons&options%5Bcollections%5D%5Bwidget%5D%5Bid%5
D=com.ib
m.bi.dashboard.widgets&options%5Bcollections%5D%5BcontentFeature
Extensio
n%5D%5Bid%5D=com.ibm.bi.dashboard.contentfeatures&options%5Bco
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.bi.dashboard.saveServices&options%5Bcollections%5D%5Btemplates%
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d%5D=com.ibm.bi.dashboard.templates&options%5Bcollections%5D%5
```

Bvisualiz
ationExtension%5D%5Bid%5D=com.ibm.bi.dashboard.visualizationExte
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&options%5Bcollections%5D%5BboardModel%5D%5Bid%5D=com.ibm
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pes%5D
%5Bid%5D=com.ibm.bi.dashboard.contentTypes&options%5Bcollections
%5D%5
BserviceExtension%5D%5Bid%5D=com.ibm.bi.dashboard.serviceExtensi
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ard.layoutExtension&options%5Bcollections%5D%5BcolorSetExtensions
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Bid%5D=com.ibm.bi.dashboard.colorSetExtensions&options%5Bconfig
%5D%5B
product%5D=CA&options%5Bconfig%5D%5BeditPropertiesLabel%5D=
true&op
tions%5Bconfig%5D%5BenableCustomVisualizations%5D=true&options
%5Bcon
fig%5D%5BassetTags%5D%5B%5D=dashboard&options%5Bconfig%5
D%5Bfilt
erDock%5D=true&options%5Bconfig%5D%5BshowMembers%5D=true
&options
%5Bconfig%5D%5Bupgrades%5D=dashboardcore%2Fjs%2Fdashboard%
2Fupgrades&options%5Bconfig%5D%5BassetType%
5D=exploration&options%5Bconfig%5D%5BgeoService%5D=CA&optio
ns%5Bc
onfig%5D%5BsmartTitle%5D=true&options%5Bconfig%5D%5Bnavigati
onGrou
pAction%5D=true&options%5Bconfig%5D%5BenableDataQuality%5D=
false&o
ptions%5Bconfig%5D%5BmemberCalculation%5D=false&isAuthoringM
ode=fals
e&boardId=i2650535EEED740C6A90F8CCE7678723E"target="_blank"
>IBM
COGNOS</a></p>

<a href="login_form.php" class="btn">Login</a>

```
      <a href="register_form.php" class="btn">Register</a>
      <a href="logout.php" class="btn">Logout</a>
   </div>

</div>

</body>
</html>
```

Register_form

```
<?php
@include 'config.php';
if(isset($_POST['submit'])){
   $name = mysqli_real_escape_string($conn, $_POST['name']);
   $email = mysqli_real_escape_string($conn, $_POST['email']);
   $pass = md5($_POST['password']);
   $cpass = md5($_POST['cpassword']);
   $user_type = $_POST['user_type'];
  $select = " SELECT * FROM user_form WHERE email = '$email' &&
password
= '$pass' ";
  $result = mysqli_query($conn, $select);
if(mysqli_num_rows($result) > 0){
  $error[] = 'user already exist!';
  }else{
   if($pass != $cpass){
    $error[] = 'password not matched!';
      }else{
         $insert = "INSERT INTO user_form(name, email, password,
user_type)
VALUES('$name','$email','$pass','$user_type')";
         mysqli_query($conn, $insert);
         header('location:login_form.php');
      }
   }

};
```

```
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">    <title>Register form</title>

  <!-- custom css file link  -->
  <link rel="stylesheet" href="css/style.css">

</head>
<body>

<div class="form-container">

  <form action="" method="post">
    <h3>Register</h3>
    <?php
    if(isset($error)){
foreach($error as
$error){
         echo '<span class="error-msg">'.$error.'</span>';
       };
    };
    ?>
    <input type="text" name="name" required placeholder="enter your
name">
    <input type="email" name="email" required placeholder="enter
your email">       <input type="password" name="password" required
placeholder="enter your password">
    <input type="password" name="cpassword" required
placeholder="confirm your password">
    <select name="user_type">
      <option value="user">User</option>
      <option value="admin">Admin</option>
    </select>
    <input type="submit" name="submit" value="register now"
class="form-btn">
```

```
    <p>Already have an account? <a href="login_form.php">LOGIN
NOW</a></p>
  </form>

</div>

</body>
</html>
```

Login_form

```
<?php

@include 'config.php';

session_start();

if(isset($_POST['submit'])){


  $email = mysqli_real_escape_string($conn, $_POST['email']);
  $pass = md5($_POST['password']);



  $select = " SELECT * FROM user_form WHERE email = '$email' &&
password
= '$pass' ";

  $result = mysqli_query($conn, $select);

  if(mysqli_num_rows($result) > 0){

    $row = mysqli_fetch_array($result);

    if($row['user_type'] == 'admin'){

      $_SESSION['admin_name'] = $row['name'];
header('location:admin_page.php');
```

```
      }elseif($row['user_type'] == 'user'){

         $_SESSION['user_name'] = $row['name'];
         header('location:user_page.php');

      }

   }else{
      $error[] = 'incorrect email or password!';
   }

};
?>

<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-
scale=1.0">
   <title>Login form</title>
   <!-- custom css file link  -->
   <link rel="stylesheet" href="css/style.css">

</head>
<body>
<div class="form-container">
   <form action="" method="post">
      <h3>Login</h3>
      <?php
if(isset($error)){
foreach($error as
$error){
         echo '<span class="error-msg">'.$error.'</span>';
        };
      };
      ?>
```

```
    <input type="email" name="email" required placeholder="enter your email">        <input type="password" name="password" required placeholder="enter your password">
    <input type="submit" name="submit" value="login now" class="form-btn">
    <p>Don't have an account? <a href="register_form.php">REGISTER NOW</a></p>
  </form>

</div>

</body>
</html>
```

Config

```
<?php

$conn = mysqli_connect('localhost','root','','user_db');

?>
```

Logout

```
<?php

@include 'config.php';

session_start();
session_unset();
session_destroy();

header('location:login_form.php');

?>
```

Style

```
@import
```

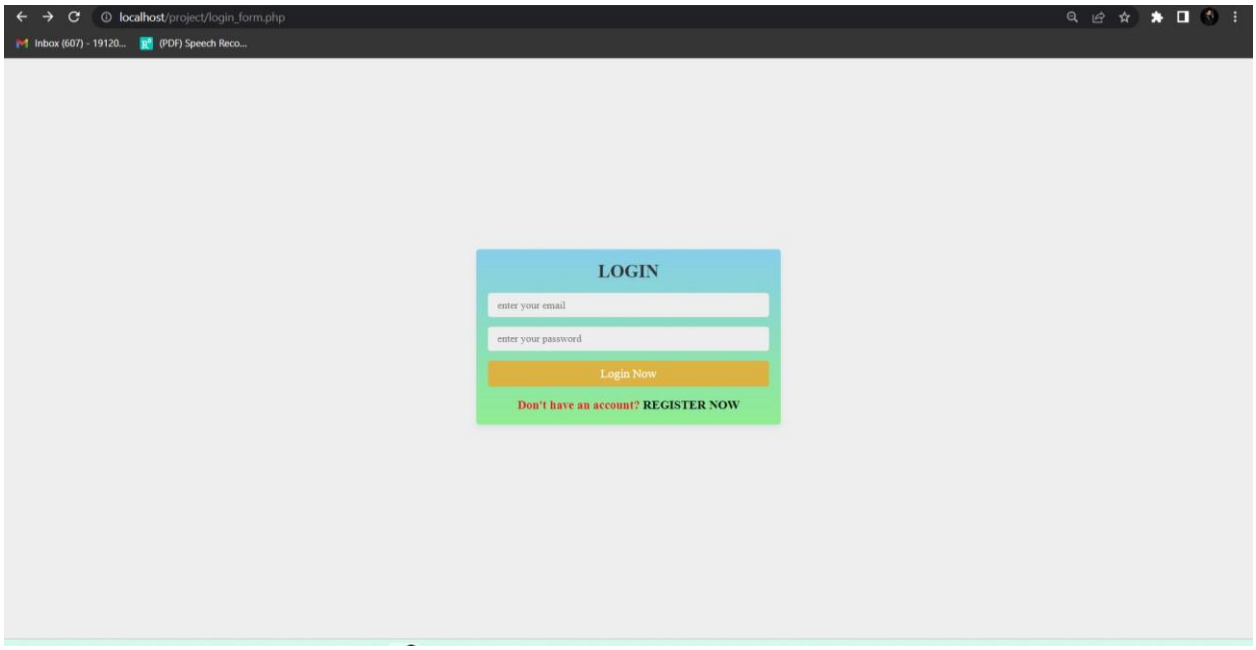
```
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300
;400;50 0;600&display=swap');

*{
   font-family: 'Berlin
sans BF';    margin:0;
padding:0;    box-
sizing: border-box;
outline: none;
border:none;    text-
decoration: none;
}

.container{
min-height:
100vh;
display: flex;
align-items:
center;
justify-
content:
center;
padding:20px;
padding-
bottom: 60px;
}

.container .content{
text-align: center;
}

.container
.content   h3{
font-size:
40px;
color:rgb(51,
51, 51);
}

.container .content h3 span{
```

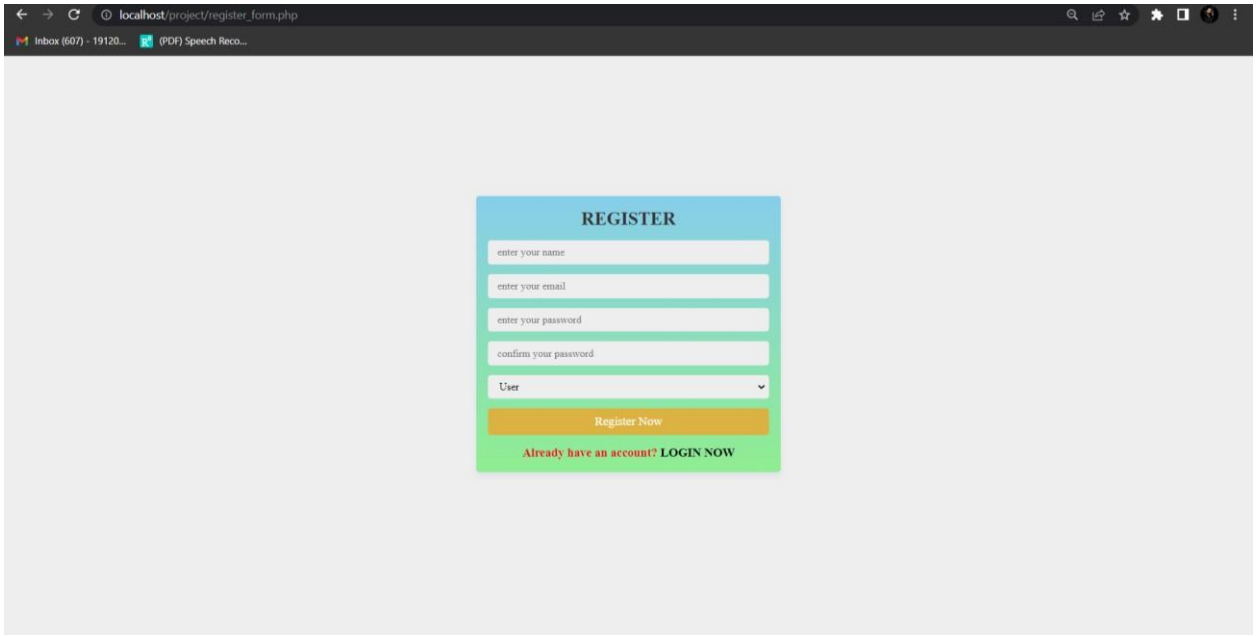
```
   background:
rgb(184, 154, 46);
color:#fff;    border-
radius: 5px;
padding:0 15px;
}

.container
.content   h1{
font-size:
50px;
color:rgb(51,
51, 51);
}

.container .content h1 span{
color:rgb(33, 41, 203);
}

.container .content p{
font-size: 30px;
margin-bottom:
20px;
}

.container .content
.btn{    display: inline-
block;    padding:10px
30px;    font-size:
30px;    background:
rgb(223, 38, 109);
color:white;
margin:0 5px;    text-
transform: capitalize;
}

.container .content .btn:hover{
background: rgb(97, 198, 94);
}
```

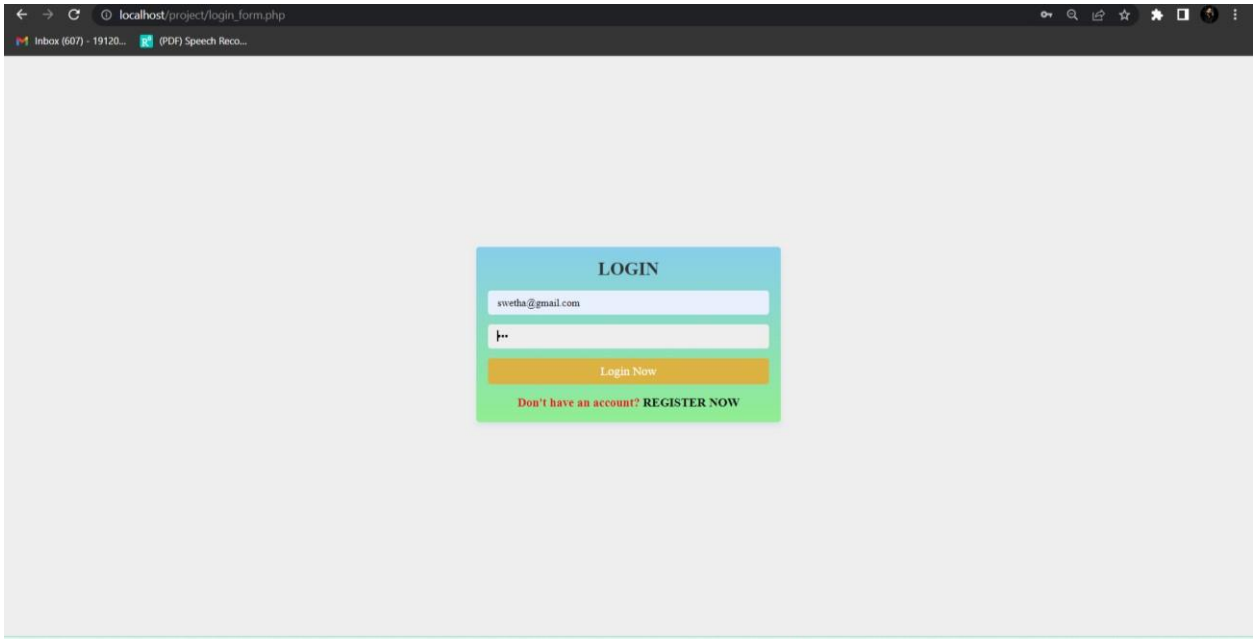
```
.form-container{
min-height:
100vh;    display:
flex;    align-
items: center;
justify-content:
center;
padding:20px;
padding-bottom:
60px;
background:
#eee;
}

.form-container form{    padding:20px;
border-radius: 5px;    box-shadow: 0
5px 10px rgba(16, 98, 156, 0.1);
background:linear-
gradient(skyblue,lightgreen);
  text-align:
center;    width:
500px;
}

.form-container form
h3{    font-size: 30px;
text-transform:
uppercase;    margin-
bottom: 10px;
color:#333;
}

.form-container
form input, .form-
container form
select{    width:
100%;
padding:10px
15px;    font-size:
17px;
margin:8px 0;
```

```
background: #eee;
border-radius: 5px;
}

.form-container form select option{
background: #fff;
}

.form-container form
.form-btn{
background: #dcb342;
color:white;    text-
transform: capitalize;
font-size: 20px;
cursor: pointer;
}

.form-container form .form-btn:hover{
background: rgb(20, 190, 220);
  color:#fff;
}

.form-container
form p{    margin-
top: 10px;    font-
size: 20px;
color:rgb(234, 15,
26);    font-weight:
bold;
}

.form-container form p a{
color:rgb(8, 4, 11);
}

.form-container form
.error-msg{
margin:10px 0;
display: block;
background: crimson;
color:#fff;    border-
```

radius: 5px; font-
size: 20px;
padding:10px;
}







Welcome Swe

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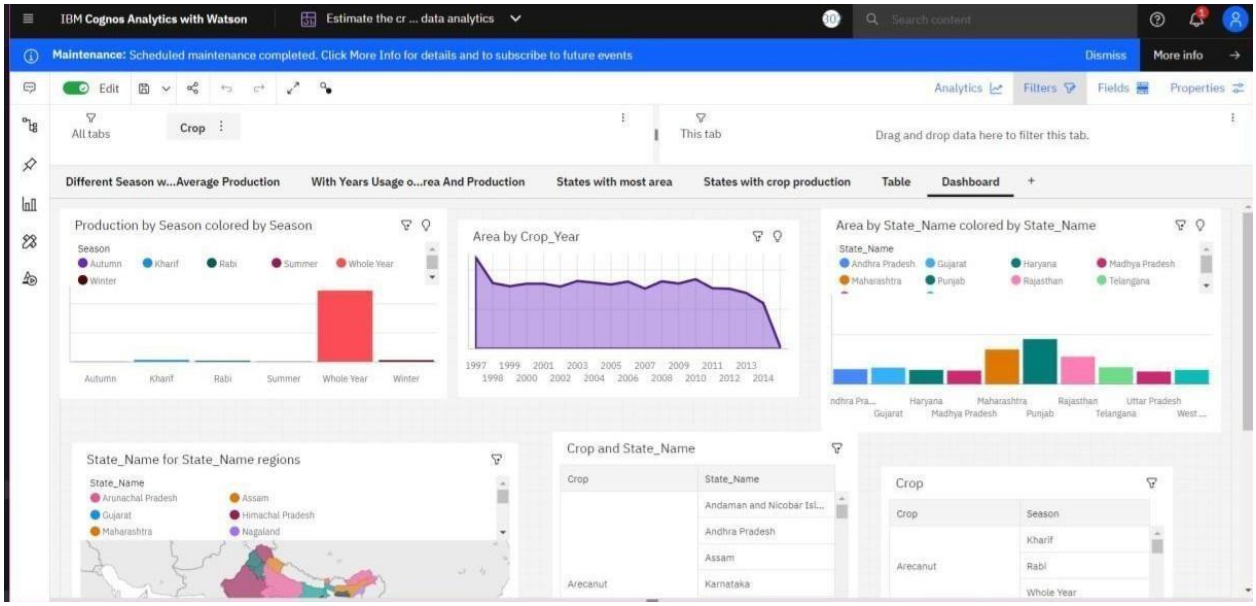
Login Register Logout


IBM Cognos Analytics with Watson
Estimate the cr ... data analytics
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
Edit
Analytics
Filters
Fields
Properties
All tabs
Crop
This tab
Drag and drop data here to filter this tab.
Different Season w...Average Production
With Years Usage o...rea And Production
States with most area
States with crop production
Table
Dashboard
Production by Season colored by Season
Season
Autumn
Kharif
Rabi
Summer
Whole Year
Winter
Area by Crop_Year
Area by State_Name colored by State_Name
State_Name
Andhra Pradesh
Gujarat
Haryana
Madhya Pradesh
Maharashtra
Punjab
Rajasthan
Telangana
State_Name for State_Name regions
Arunachal Pradesh
Assam
Gujarat
Himachal Pradesh
Maharashtra
Nagaland
Crop and State_Name
Crop
State_Name
Andaman and Nicobar Isl...
Andhra Pradesh
Assam
Arecanut
Karnataka
Crop
Season
Kharif
Arecanut
Rabi
Whole Year