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Subject - scripting language and R lab

Subject code - PMC 103

Q1- write a program to read customer info. like C-no, C-name, item-purchased and mob-no from customer table and display all this info. in table format on output Screen.

Code 1-

```php
<html>
<head>
</head>
<body>
<?php
$ Servername = "localhost";
$ username = "root";
$ Password = " ";
$ dbname = " ";
$ conn = new my sqli ( $ servername,
$ username, $password, $ dbname).

if ( $ conn -> Connect_error )
{
die (" Connection failed:". $conn -> connect_error);
}

$sql = " SELECT c-no, c-name, item-purchased, mob-no
FROM customer";

$result = $conn -> query ($sql);

echo " <table border = "1">

<tr>
```

```php
<th >Id </th>

<th> name </th>

<th > Mobile </th>

<th > email </th>

</tr>";

if ($result -> num - rows > 0) {

    // outpot data of each row

    while ($row = $result -> fetch_assoc()) {

        echo "<tr>";

        echo "<td>". $row['c no']. "</td>";

        echo "<td>". $row['c-name']. "</td>";

        echo "<td>". $row['item-purchased']. "</td>";

        echo "<td>". $row['mob-no']. "</td>";

        echo "<tr>";

    }

} else {

    echo "0 results";

}
```

```php
echo "</table>";
$conn -> close();
?>
</body>
</html>
```

c_no	c_name	item_purchased	mob_no
1	Abhijeet	bat	1122
2	Ankur	Ball	2233
3	Abhishek	Tea	223344

Q2 - write a program to hide and show the paragraph content on the button click using jquery?

Code -

```
<! Doctype html >
<html>
<head>
<Script Src : "https://ajax.googleapis.com/ajax//libs/
              jquery/3.5.1/jquery.min.js">
</Script>
<script>
$ (document). ready (function() {
$ ("#hide"). click (function () {
$ ("p"). hide ();
});
$ (" #show"). click (function () {
$ ("p"). show ();
});
});
</Script>
</head>
<body>
<P>    demonstration of second program i.e to
hide the program content on the button click.....
<br>
If you click on the "hide" button, i will disappear
<br>
If you click on the "show" button, i will again
appear .   <br>
</P>
<button id = "hide" > Hide </button>
```

```html
<button id = "show"> show </button>
</body>
</html>
```

demostration of second program ie. to hide the program content on the button click......
If you click on the "Hide" button, I will disappear.
If you click on the "show" button, I will again appear.

Hide   Show

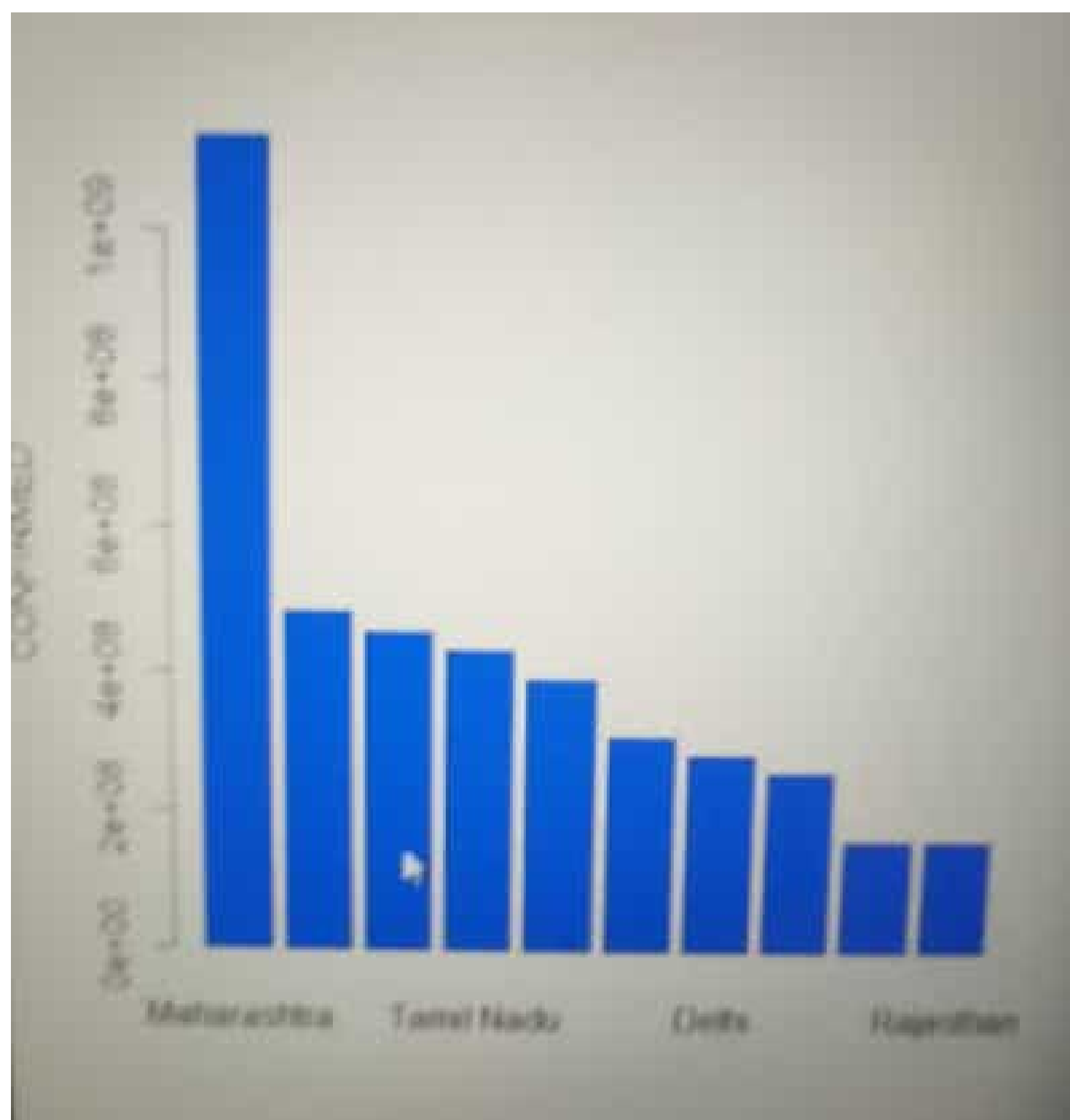Hide Show

```
!DOCTYPE html>
html>

head>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script>
    $(document).ready(function(){
 $("#hide").click(function(){
   $("p").hide();
 });
 $("#show").click(function(){
   $("p").show();
 });
);
  </script>
/head>

body>

   <p>   demostration of second program ie. to hide the program content on the button click.....<br>
        If you click on the "Hide" button, I will disappear. <br>
        If you click on the "show" button, I will again appear.
:/p>

   <button id="hide">Hide</button>
   <button id="show">Show</button>

(/body>

(/html>
```

Q3-

Ans 3-

Analyze any csv dataset using set?

```
library (dplyr)
setwd ("D:/hs")
mydata <- read.csv ("Covid.csv")
mydata 2 <- read.csv ("Covid_state.csv")
mydata

names (mydata)
names (mydata2)
Summary (mydata)

summary (mydata2)

newdata <- mydata %>% group_by (Date) %>%
Summarise (Sum (Confirmed), Sum (Deaths),
Sum (Cured))

state_data <- mydata2 %>% group_by (state)
%>% Summarise (Sum (Confirmed),
Sum (Deaths), Sum (Cured))
new data
state_data

state_data <- top_10 <- head (state_data [order
(-state_data $ sum (Confirmed)')),], 10)

state_data_top_10

barplot (state_data_top_10 $ Sum (confirmed),
col = "blue", ylab = " Confirmed", names·arg
= state_data_top_10$state)
```

```
barplot ( State - data - top - 10 $ Sum ( Deaths ) ;
  Col = "red", ylab = "Deaths", names arg =
  State - data - top - 10 $ state )

newdata - tail <- tail ( newdata $ Date), ]
newdata - tail <- tail ( newdata, 200)
 newdata - tail
```

Q4. Disuss Descriptive and inferential statistics of above dataset?

Ans 4- Descriptive statistics describes the characteristics, properties of the data using using the measures the central tendency like mean / median / mode and the measures of dispersion like range, standard deviation, variance etc.

Data can be summarized and represented in an accurate way using charts, tables and graphs.

Inferential statistics → It is about using data from sample and then making inferences about the larger pop^n from the which the sample is draw.

The goal of the inferential statistics is to draw conclusions from a sample and generalize them to the pop^n.

So, acc. to my data set of Covid-19,

Inferential statistics → from the given data set of covid19 of diff. states of India, I have analyzed the affect of covid on state wise Deaths, cured rate, growth in confirmed cases over the period of time and then plotted Bar graph, pie chart.

It is observed that the Maharashtra is highly affected from the covid19 as shown by the Bar graph.

Descriptive statistics → from the covid data we have calculated the mean, median, mode, find the standard deviation of the data, then plotted the bar graph. acc. to state wise covid affected pop^n and analyze the data rates.