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Date :- 15/03/22 Course - MCA Sec - A

Subject - Scripting Language and R Lab Subject Code - PMC103

Page No. 1

Ans-1)

```
<html>
<head>
<title> display data in table format </title>
</head>
<body>
<?php
    $con = mysql_connect ("localhost", "root", "");
    if (! $con)
    {
        die ("not connected". mysql_error());
    }
    echo "Connection open", "<br />";
    $sldb = mysql_select_db ("cust", $con);
    if (! $sldb)
    {
        die ("not found". mysql_error());
    }
    echo "Database selected", "<br />";
    $query = "select * from customer";
    $sql = mysql_query ($query);
```

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```
echo "<table border = '1'>
```

```
<tr>
```

```
<th> C_No </th>
```

```
<th> C_Name </th>
```

```
<th> Item_Purchased </th>
```

```
<th> Mob_no </th>
```

```
</tr>
```

```
while ( $row = mysql_fetch_array ( $sql ))
```

```
{
```

```
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>";
```

```
}
```

```
echo "</table>";
```

```
?>
```

```
</body>
```

```
</html>
```

Connected Successfully.
Database selected

C_No	C_Name	Item_Purchased	Mob_no
101	Aditya Sharma	Laptop	956804878
102	Deepika Gupta	Washing Machine	756894323

Activate Windows
Go to Settings to activate Windows.

Ans = 2)

<!DOCTYPE html>

<html>

<head>

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

</script>

</head>

<body>

<h1> hide and show the paragraph content on the button click using jQuery </h1>

<div id = "element">

<h3> Master of Computer Application (MCA) is a two year professional post-graduate programme for candidates wanting to develop deeper into the world of computer application. </h3>

</div>

<div class = "button-container">

<button id = "click">

hide

</button>

</div>

<script>

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```
$('#click').on('click', function () {  
  if ($('#click').text() == 'show') {  
    $('#click').text('hide');  
    $('#element').css('display', 'flex');  
  }  
  else {  
    $('#click').text('show');  
    $('#element').css('display', 'none');  
  }  
});  
</script>  
</body>  
</html>
```

hide and show the paragraph content on the button click using jQuery.

show

hide and show the paragraph content on the button click using jQuery.

Master of Computer Applications (MCA) is a two year professional post-graduate programme for candidates wanting to delve deeper into the world of computer application development with the help of learning modern programming language.

hide

Ans=3

shampoo_sales.csv

- setting working Directory

```
setwd ("C:/users/Rachna/Documents")
```

- Reading of .csv file

```
mydata1 <- read.csv ("shampoo_sales.csv")
```

- Installing ggplot package

```
install.packages ("ggplot2")
```

- Using ggplot() library

```
library (ggplot2)
```

- Histogram

```
ggplot (mydata1, aes (y = sales, x = Months)) +  
geom_bar (stat = "identity")
```

- Piechart

```
ggplot (mydata1, aes (y = "", fill = sales, x = Month)) +  
geom_bar (width = 1, stat = "identity") + coord_polar  
("x", start = 0)
```

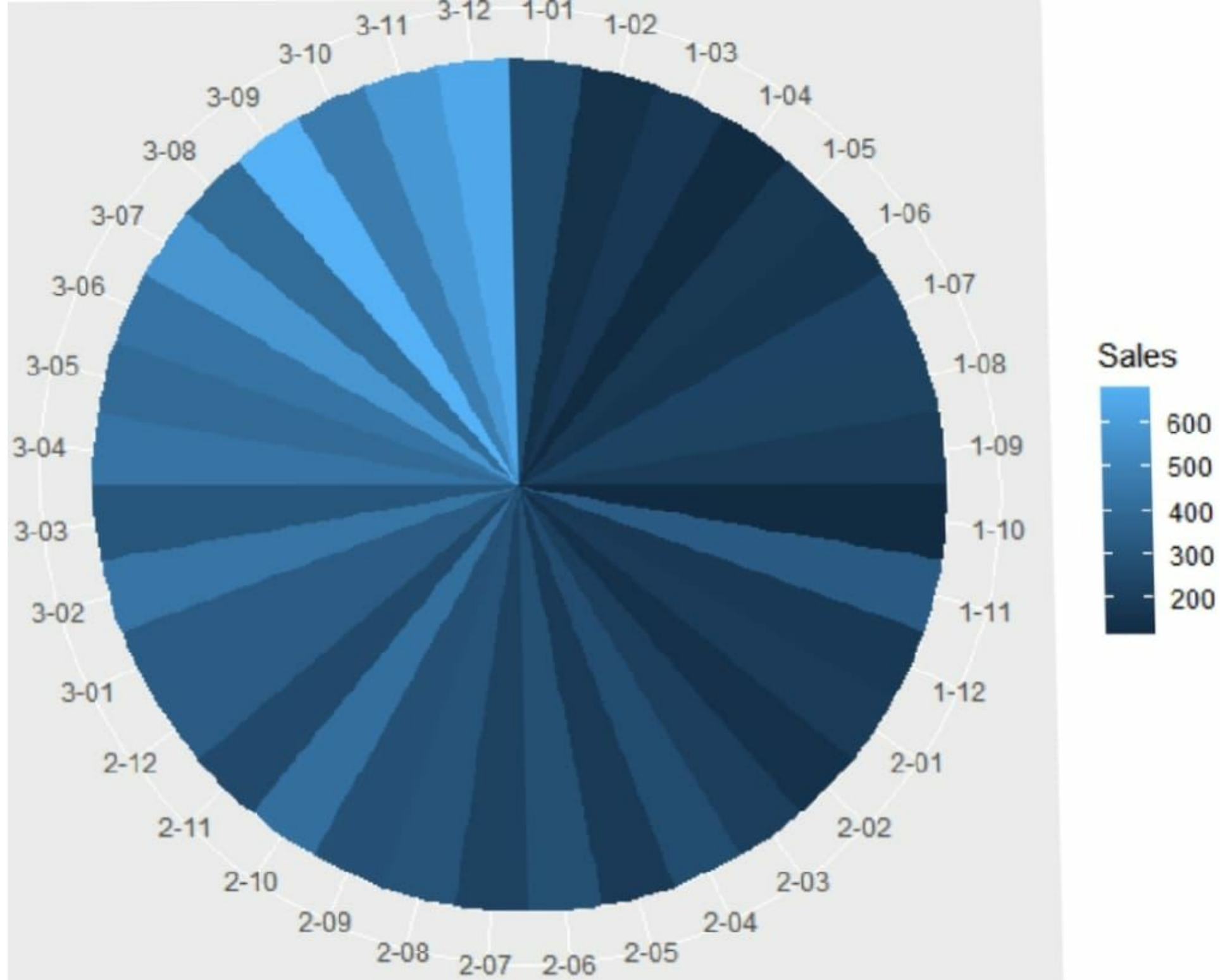
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Box plot

```
ggplot(mydata1, aes(x = month, y = sales)),  
geom = boxplot()
```

Scatter plotting

```
ggplot(mydata, aes(x = month, y = sales)) + geom  
point()
```



Sales

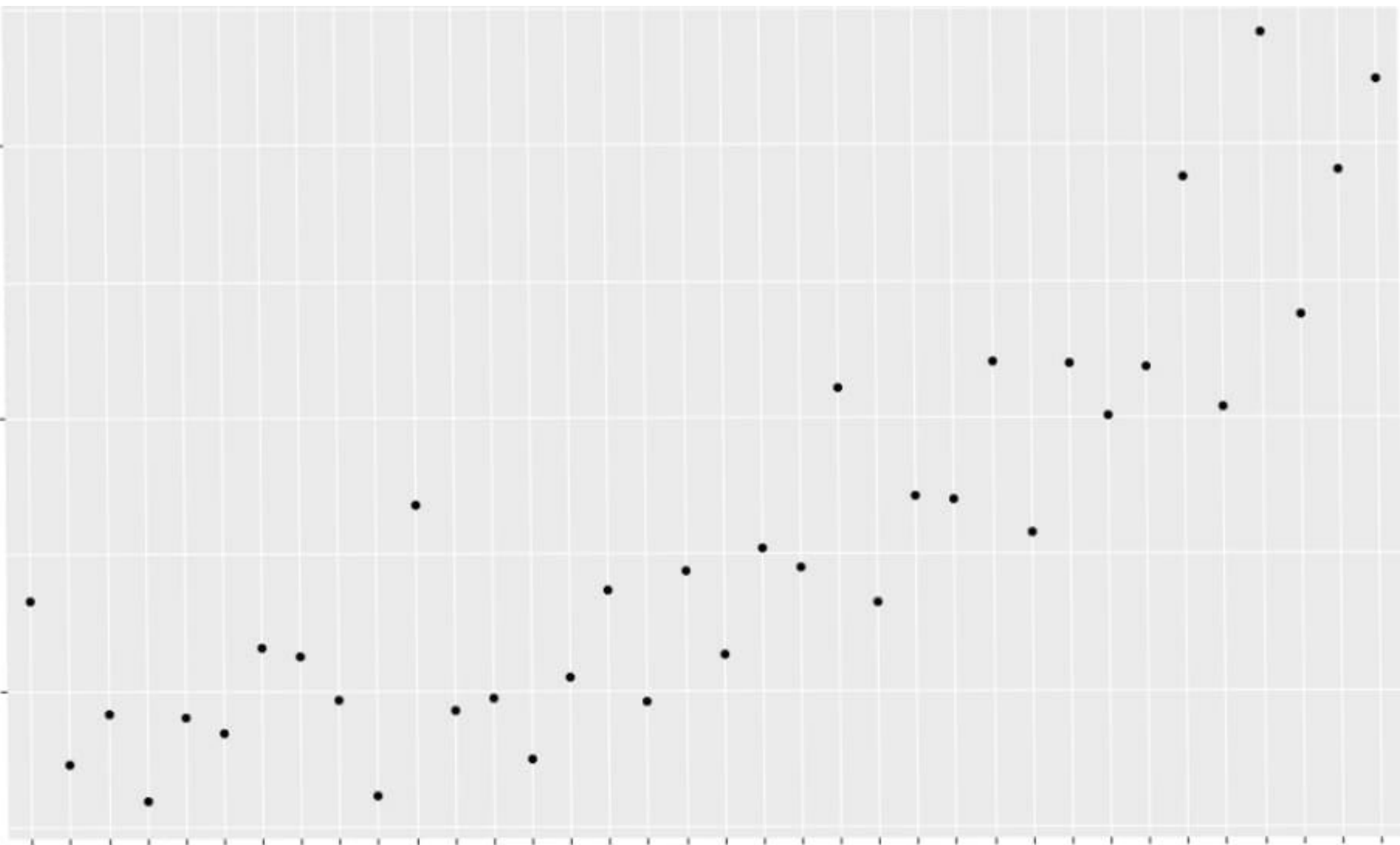
600

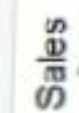
400

200

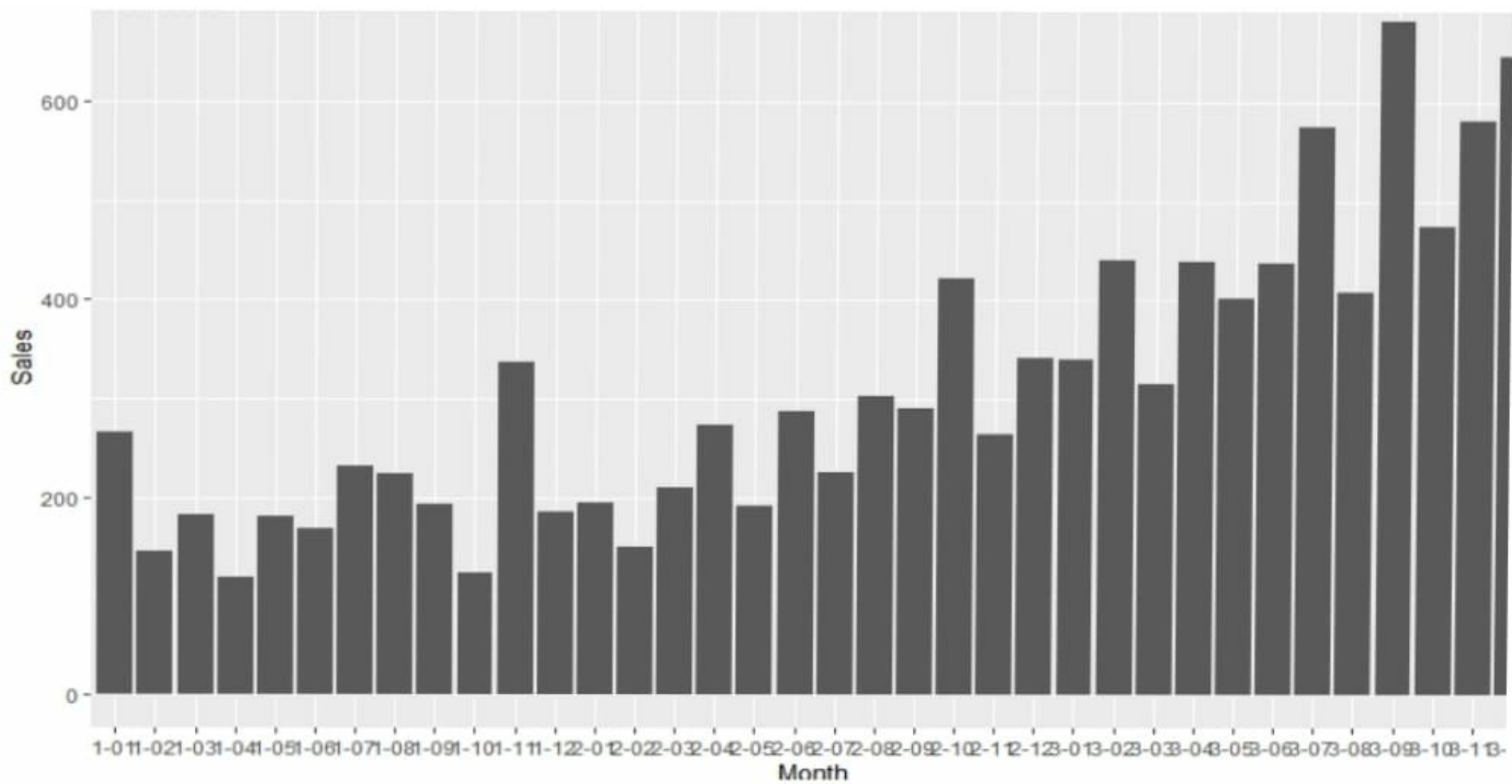
1-01 1-02 1-03 1-04 1-05 1-06 1-07 1-08 1-09 1-10 1-11 1-12 2-01 2-02 2-03 2-04 2-05 2-06 2-07 2-08 2-09 2-10 2-11 2-12 3-01 3-02 3-03 3-04 3-05 3-06 3-07 3-08 3-09 3-10 3-11 3-12

Month





Month



Ans=4

① Minimum

`min(mydata1 $ sales)`

`[1] 119.3`

② Maximum

`max(mydata1 $ sales)`

`[1] 682`

③ Mean

`mean(mydata1 $ sales)`

`[1] 312.6`

④ Median

`median(mydata1 $ sales)`

`[1] 280.15`

⑤ quartile

`quantile(mydata1 $ sales, 0.75)`

75%

`quantile(mydata1 $ sales, 0.25)`

⑥ Standard deviation

`Sd(mydata1 $ sales)`

`[1] 148.9372`

⑦ Variance

`var(mydata1, $ sales)`

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