

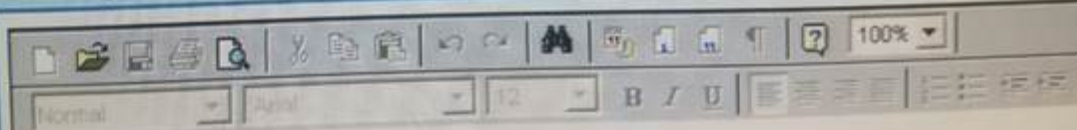
Question Statement/Data:

Consider the following data.

- Draw the Q-Q plot of the given data.
- Can we say that this data is taken from a normal population?

Data
7.58
8.77
9.12
5.88
9.74

Answer ([Please click here to Add Answer](#))



A rich text editor toolbar with various icons for text formatting and editing. The toolbar includes icons for bold, italic, underline, text color, background color, bulleted list, numbered list, indent, outdent, link, unlink, and a help icon. The font size is set to 12, and the font style is Normal. The zoom level is set to 100%.

9.31

7.27

10.34

10.01

7.97

10.20

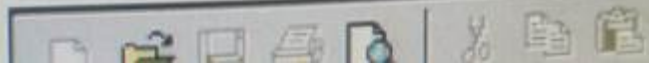
11.02

11.52

13.28

==== END =====

Answer ([Please click here to Ad](#)



STA641 Statistical Packages and its Applications

Question No : 2 of 5

- Enter or Copy/Paste the given question data into MS Excel.
- Then, apply the appropriate functions / calculations to get the required results.
- For more clarity, **HIGHLIGHT** your relevant answers.
- In the end, Copy/Paste your answers/results into Exam software.
- If needed, Interpret/Explain/Comment about your findings/answers/results.

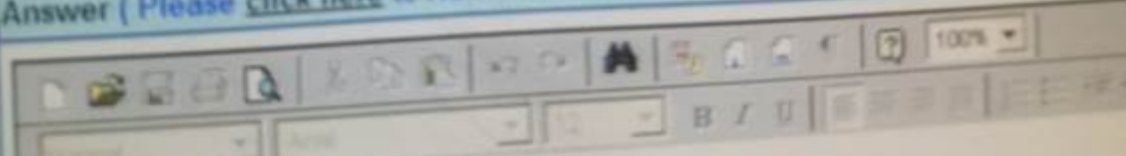
Which tool you should use?

- In this question use Excel Functions/Tools/Add-Ins only.

Question Statement/Data:

Consider the following data.

Answer ([Please click here to Add Answer](#))



STA641 Statistical Packages and its Applications

Question No : 5 of 5

Marks: 10 (Budget)

The correct answer is: Report/show your results. Highlight key values/findings.

The following hypothesis is to be tested

Null Hypothesis H_0 : Pre Data = Post Data [No difference found]

Alternative Hypothesis H_1 : Pre Data = Post Data [No difference found]

- Report/show your results. Highlight key values/findings.
- Show MEAN and STANDARD DEVIATION of the data.
- What is correlation between two datasets?
- What is value t-test statistic?
- From your results, can we accept or reject null hypothesis?

Data is given below:

Answer ([Please click here to Add Answer](#))

Rich text editor toolbar with icons for undo, redo, bold, italic, underline, link, unlink, list, and other formatting options. The text area below is currently empty.

STA641 Statistical Packages and its Applications

Question No : 5 of 5

Marks: 10 (Budgeted)

Question Instructions:

- Enter or Copy/Paste the given question data into MS Excel
- Then, apply the appropriate functions / calculations to get the required results.
- In the end, Copy/Paste your relevant answers/results/graph into Exam software.

Which tool you should use?

- In this question use MS Excel

Question Statement/Data:

The Cholesterol levels of patients were checked before and after applying some treatment. Check is this treatment effective or not?

Answer ([Please click here to Add Answer](#))



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STA641 Statistical Packages and its Applications

Question No : 5 of 5

Data is given below:

Patient No	Cholesterol Level Before	Cholesterol Level After
1	248	234
2	211	182
3	212	193
4	250	228
5	236	216
6	217	206
7	221	178
8	245	230
n

Answer (Please [click here](#) to Add Answer)

100%

Rich text editor toolbar: Bold, Italic, Underline, Text color, Background color, Bulleted list, Numbered list, Indent, Outdent, Undo, Redo, Link, Unlink, Source code, Help.

STA641 Statistical Packages and its Applications

Question No : 5 of 5

2	211	182
3	212	193
4	250	228
5	236	216
6	217	206
7	221	178
8	245	230
9	229	203
10	245	236
11	234	191
12	191	187

==== END =====

Answer ([Please click here to Add Answer](#))

A rich text editor toolbar with various icons for text formatting and editing. The toolbar includes icons for bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, and zoom. The zoom level is currently set to 100%.

STA641 Statistical Packages and its Applications

Question No : 2 of 5

Consider the following data.

- Draw the Q-Q plot of the given data.
- Can we say that this data is taken from a normal population?

Values
55
39
50
46
52
39
52
48
44

Answer ([Please click here to Add Answer](#))

A rich text editor toolbar with various icons for text formatting and editing. The toolbar includes icons for bold (B), italic (I), underline (U), bulleted list, numbered list, link, unlink, and zoom (100%). Below the icons are dropdown menus for text color (Normal) and background color (None).

50

40

43

38

46

41

==== END =====

Answer ([Please click here to A](#)



Normal Arial

STA641 Statistical Packages and its Applications

Question No : 2 of 5

48
48
45
49
47
49
53
47
39
49
49
53
50
..

Answer ([Please click here to Add Answer](#))



STA641 Statistical Packages and its Applications

Question No : 4 of 5

Question Instructions:

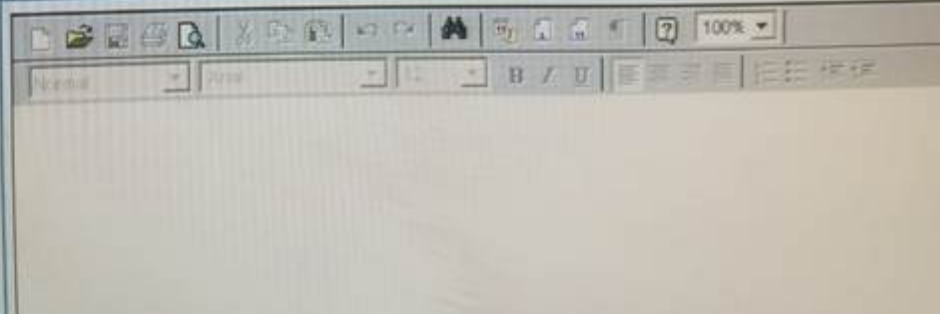
- Enter or Copy/Paste the given question data in SPSS
- Apply the appropriate analysis in SPSS to get the required results.
- From the output window, Copy/Paste the "relevant" analysis table in the Exam software.
- Interpret/Explain/Comment about your findings/answers/results in Exam software.

Which tool you should use?

- *In this question, For analysis use SPSS*

Question Statement/Data: (Marks = 2+ 2 +2 + 2 + 2 = 10)

Answer ([Please click here to Add Answer](#))

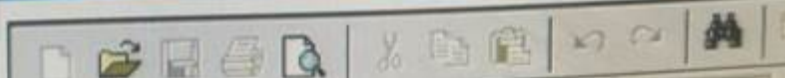


The screenshot shows a software interface with a toolbar at the top containing various icons for file operations, editing, and viewing. Below the toolbar is a text input area with a cursor, and a status bar at the bottom showing the text "Name" and "Page".

21	210	75
22	151	32
23	162	77
24	157	63
25	189	49
26	136	60
27	209	56
28	163	77
29	116	45
30	126	57

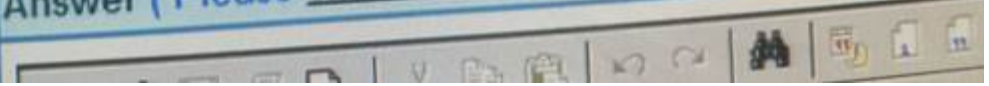
===== END =====

Answer ([Please click here to Add Answer](#))



Patient No	Blood Pressure	Age
1	145	53
2	200	72
3	186	30
4	101	61
5	206	56
6	141	72
7	176	35
8	200	71
9	116	66
10	155	45
11	164	36

Answer ([Please click here to Add Answer](#))



Question No : 4 of 5

12	181	66
13	186	51
14	127	58
15	108	36
16	193	76
17	167	63
18	174	58
19	129	47
20	134	73
21	210	75
22	151	32
23	162	77
...

Answer ([Please click here to Add Answer](#))

STA641 Statistical Packages and its Applications

Question No : 5 of 5

2	211	182
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==== END =====

Answer ([Please click here to Add Answer](#))

A rich text editor toolbar is visible at the bottom of the page. It includes icons for bold (B), italic (I), underline (U), text color (A with a color swatch), background color (A with a color swatch), bulleted list (bullet icon), numbered list (numbered list icon), link (chain link icon), and unlink (chain link icon with a slash). A zoom dropdown menu is set to 100%.

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STA641 Statistical Packages and its Applications

Question No : 5 of 5

Data is given below:

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n

Answer (Please [click here](#) to Add Answer)

100%

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STA641 Statistical Packages and its Applications

Question No : 5 of 5

Data is given below:

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7	221	178
8	245	230
n

Answer (Please [click here](#) to Add Answer)

100%

Rich text editor toolbar

STA641 Statistical Packages and its Applications

Question No : 5 of 5

Marks: 10 (Budget)

The following hypothesis is to be tested

Null Hypothesis H_0 : Pre Data = Post Data [No difference found]

Alternative Hypothesis H_1 : Pre Data = Post Data [No difference found]

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Answer ([Please click here to Add Answer](#))

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STA641 Statistical Packages and its Applications

Question No : 5 of 5

Marks: 10 (Budgeted)

Question Instructions:

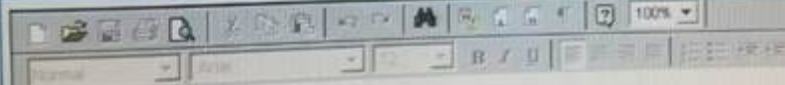
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- Then, apply the appropriate functions / calculations to get the required results.
- In the end, Copy/Paste your relevant answers/results/graph into Exam software.

Which tool you should use?

- In this question use MS Excel

Question Statement/Data:

The Cholesterol levels of patients were checked before and after applying some treatment. Check is this treatment effective or not?

Answer (Please [click here](#) to Add Answer)

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STA641 Statistical Packages and its Applications

Question No : 1 of 5

Data
7.58
8.77
9.12
5.88
9.74
11.79
11.89
11.37
10.98
9.60
7.59
9.31

Answer ([Please click here to Add Answer](#))

