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Test Name: ACDS-Data Science 1 (Intro to Statistics, Basic Excel)

Taken On: 3 Mar 2021 02:45:34 EST

Time Taken: 9 min 20 sec/ 60 min

Work Experience: > 5 years

Invited by: TTS

Invited on: 12 Jan 2021 10:17:16 EST

Skills Score:

Tags Score:

- charts 50/50
- data types 50/50
- excel 30/40
- shortcuts 20/20
- statistics 40/40

95%  
190/200

scored in **ACDS-Data Science 1 (Intro to Statistics, Basic Excel)** in 9 min 20 sec on 3 Mar 2021 02:45:34 EST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	Statistics > Multiple Choice	21 sec	10/ 10	✓
Q2	Statistics > Multiple Choice	12 sec	10/ 10	✓
Q3	Statistics > Multiple Choice	28 sec	10/ 10	✓
Q4	Statistics > Multiple Choice	18 sec	10/ 10	✓
Q5	Statistics > Multiple Choice	21 sec	10/ 10	✓
Q6	Statistics > Multiple Choice	40 sec	10/ 10	✓
Q7	Statistics > Multiple Choice	11 sec	10/ 10	✓
Q8	Statistics > Multiple Choice	19 sec	10/ 10	✓
Q9	Statistics > Multiple Choice	15 sec	10/ 10	✓
Q10	Statistics > Multiple Choice	11 sec	10/ 10	✓
Q11	Excel > Multiple Choice	15 sec	10/ 10	✓

Q12	Excel > Multiple Choice	8 sec	10/ 10	✓
Q13	Excel > Multiple Choice	40 sec	10/ 10	✓
Q14	Statistics > Multiple Choice	15 sec	10/ 10	✓
Q15	Statistics > Multiple Choice	43 sec	10/ 10	✓
Q16	Statistics > Multiple Choice	33 sec	10/ 10	✓
Q17	Statistics > Multiple Choice	51 sec	10/ 10	✓
Q18	Excel > Multiple Choice	1 min 14 sec	0/ 10	✗
Q19	Excel > Multiple Choice	37 sec	10/ 10	✓
Q20	Excel > Multiple Choice	7 sec	10/ 10	✓

QUESTION 1

✓

Correct Answer

Score 10

Statistics > Multiple Choice

charts

QUESTION DESCRIPTION

Which type of chart shows continous data over time on an evenly scaled axis?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓

☒

Line Chart

☐

Bar Chart

☐

Histogram

☐

Pie Chart

No Comments

QUESTION 2

✓

Correct Answer

Score 10

Statistics > Multiple Choice

charts

QUESTION DESCRIPTION

True or false: An area chart can used to plot change over time and draw attention to the value across a trend.

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

✓

☒


TRUE

☐

FALSE

No Comments

QUESTION 3



Correct Answer

Score 10

Statistics > Multiple Choice

charts

QUESTION DESCRIPTION


Which chart type shows the distributions of variables using bins/intervals?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ Line Chart


☐ Bar Chart

☒ Histogram

☐ Area Chart

No Comments

QUESTION 4



Correct Answer

Score 10

Statistics > Multiple Choice

charts

QUESTION DESCRIPTION

Which chart type displays a five-number summary of a set of data?


CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ Area Chart


☐ Line Chart

☐ Histogram

☒ Box and Whisker

No Comments

QUESTION 5

  
Correct Answer

Score 10

Statistics > Multiple Choice charts


QUESTION DESCRIPTION

Which chart type shows XY data and is often used to check for correlation?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ Histogram


 ☒ Scatter Plot

☐ Pie Chart

☐ Bar Chart

No Comments

QUESTION 6

  
Correct Answer

Score 10


Statistics > Multiple Choice data types

QUESTION DESCRIPTION

What type of data are counts and proportions?

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

 ☒ Discrete Data

☐ Continous Data

No Comments

QUESTION 7

  
Correct Answer

Score 10

Statistics > Multiple Choice data types


QUESTION DESCRIPTION

What type of data has an unfixed number of possible measurements between two realistic points?

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

☐ Discrete Data

 ☒ Continous Data

No Comments

QUESTION 8



Correct Answer

Score 10

Statistics > Multiple Choice

data types


QUESTION DESCRIPTION

What is the "highest" type of data on the measurement hierarchy?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)


☐ Nominal

☒ Interval

☐ Ordinal

No Comments

QUESTION 9



Correct Answer

Score 10

Statistics > Multiple Choice

data types

QUESTION DESCRIPTION


What type of data could be used to answer the following question: "What was your level of interaction with the course, low, medium, or high?"

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)


☐ Interval

☐ Nominal

☒ Ordinal

No Comments

QUESTION 10



Correct Answer

Score 10

Statistics > Multiple Choice


data types

QUESTION DESCRIPTION

What type of data is usually derived from focus groups?



CANDIDATE ANSWER



Options: (Expected answer indicated with a tick)



☒ Qualitative Data

☐ Quantitative Data


No Comments

<b>QUESTION 11</b>  Correct Answer	<b>Excel</b> > Multiple Choice <span>shortcuts</span>
Score 10	<b>QUESTION DESCRIPTION</b> Which command closes a spreadsheet?
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div><input type="radio"/> Ctrl+O</div> <div><input type="radio"/> Ctrl+S</div> <div><input type="radio"/> Alt+H</div> <div> <input checked="" type="radio"/> Ctrl+W</div>
	No Comments

<b>QUESTION 12</b>  Correct Answer	<b>Excel</b> > Multiple Choice <span>shortcuts</span>
Score 10	<b>QUESTION DESCRIPTION</b> Which command opens a spreadsheet?
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div> <input checked="" type="radio"/> Ctrl+O</div> <div><input type="radio"/> Ctrl+S</div> <div><input type="radio"/> Alt+H</div> <div><input type="radio"/> Ctrl+W</div>
	No Comments

<b>QUESTION 13</b>  Correct Answer	<b>Excel</b> > Multiple Choice <span>excel</span>
Score 10	<b>QUESTION DESCRIPTION</b> True or False: Excel is very fast and ideal for large computations.
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div><input type="radio"/> TRUE</div> <div> <input checked="" type="radio"/> FALSE</div>
	No Comments

QUESTION 14



Correct Answer

Score 10

Statistics > Multiple Choice

statistics

QUESTION DESCRIPTION

A city is surveying to see if people are in support of using city funding to build a new community center. Which method is best for getting a good random sample?

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

☐

Survey people living within a five-mile radius of the designated building site.

☐

Survey every third person who visits the library.




☒Survey a random selection of people living within the city limits.

☐

Survey a group containing half conservative voters and half liberal voters.

No Comments

QUESTION 15



Correct Answer

Score 10

Statistics > Multiple Choice


statistics

QUESTION DESCRIPTION

In which type of correlation does y increase as x increases?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)



☒Positive Correlation

☐


Negative Correlation

☐

No correlation

No Comments

QUESTION 16

Correct Answer

Score 10

Statistics > Multiple Choice


statistics

QUESTION DESCRIPTION

We have a box containing 5 red marbles, 5 blue marbles, and 5 green marbles. We draw two marbles without replacement. What is the probability that both marbles drawn are green?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☒ 0.095


☐ 0.089

☐ 0.11

☐ 0.12

No Comments

QUESTION 17

Correct Answer

Score 10

Statistics > Multiple Choice


statistics

QUESTION DESCRIPTION

What is does a z score tell you?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☒ How many standard deviations from the mean your score is.


☐ How many standard deviations from the median your score is.


☐ The likelihood your sample was representative of the population.


☐ The sample size needed to get a good estimate.

No Comments



<b>QUESTION 18</b>  Wrong Answer	<b>Excel</b> > Multiple Choice <span>excel</span>
Score 0	<b>QUESTION DESCRIPTION</b> What ToolPak do we use for analyzing data in Excel?
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div><input checked="" type="radio"/> Analyzer ToolPak <input type="radio"/> Numbers ToolPak <input type="radio"/> Stats Helper ToolPak <input checked="" type="radio"/> Data Analysis ToolPak</div> No Comments

<b>QUESTION 19</b>  Correct Answer	<b>Excel</b> > Multiple Choice <span>excel</span>
Score 10	<b>QUESTION DESCRIPTION</b> True or False: Excel can automatically generate bins for your histograms?
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div><input checked="" type="radio"/> TRUE <input type="radio"/> FALSE</div> No Comments

<b>QUESTION 20</b>  Correct Answer	<b>Excel</b> > Multiple Choice <span>excel</span>
Score 10	<b>QUESTION DESCRIPTION</b> What function will give us the standard deviation of cells A1 through A20?
	<b>CANDIDATE ANSWER</b> <b>Options:</b> (Expected answer indicated with a tick) <div><input type="radio"/> =STD.P(A1:A20) <input type="radio"/> =STDEV.P(A1-A20) <input checked="" type="radio"/> =STDEV(A1:A20) <input type="radio"/> =STDEV.P(A1:A20)</div> No Comments

