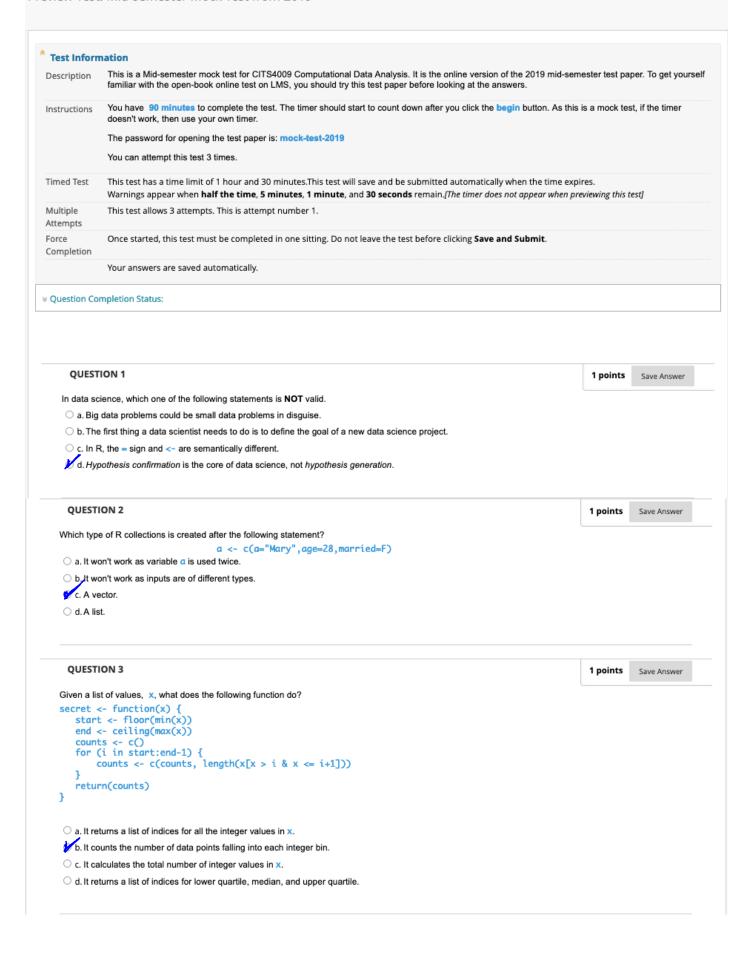
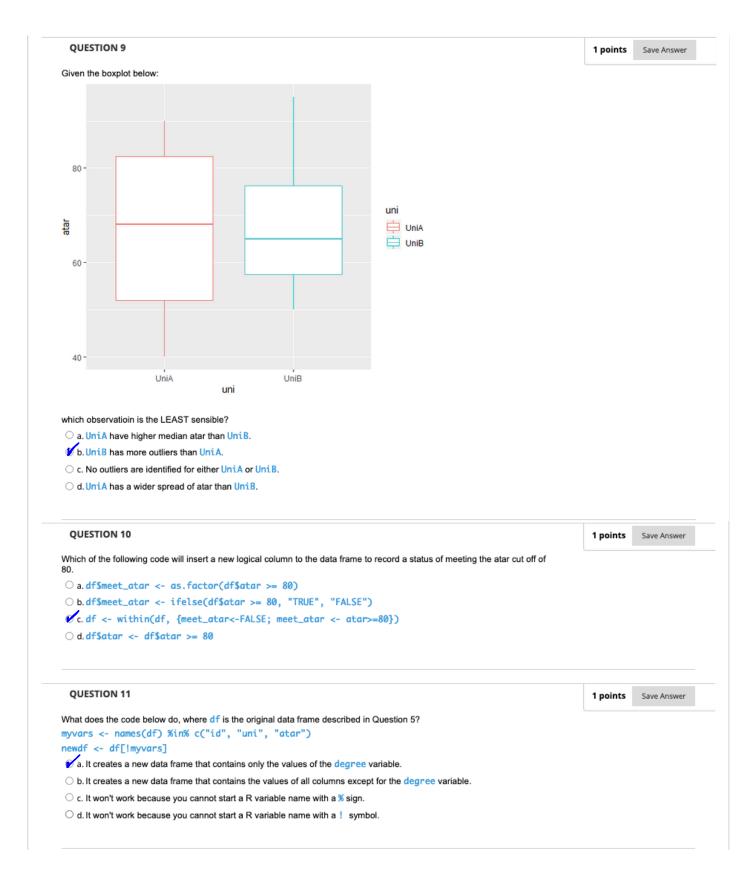
Preview Test: Mid-semester Mock Test from 2019



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QUESTION 12	1 points	Save Answer
again, refer to the original data frame df described in Question 5.		
Vhat does the following code do?		
mean_atar <- aggregate(df\$atar, list(df\$degree), mean)		
nerge(df, mean_atar, by.x="degree", by.y="Group.1")		
a. It works out the mean of each degree.		
b. It counts how many students are enrolled for each degree.		
C. It outputs a data frame like df with an extra column containing the mean atar calculated for the respective degree for each record.		
○ d. None of the above.		
QUESTION 13	1 points	Save Answer
Which statement about listwise deletion to handle missing data is TRUE?		
a. It is referring to deleting the columns containing NA values using na.omit().		
b. When the NAs tend to be for the same observations, and are of a small proportion of the dataset, drop those rows.		
c. When the missing data are a result of sensor errors.		
O d. When the data are missing systematically.		
O d. when the data are missing systematically.		
QUESTION 14	1 points	Save Answer
Which one of the following is not valid for imputing missing numerical data?		
vnich one of the following is not valid for imputing missing numerical data? ○ a. Use the mean of the variable.		
b. Use the median of the variable.		
c. Use other variables with available data to build a predication model.		
d. Use the z-normalisation of the variable.		
d. Use the z-normalisation of the variable.		
QUESTION 15	1 points	Save Answer
Taking the age variable of the custdata used in the lectures for example, which of the following about the mean ransformation custdata\$age/mean(custdata\$age) is true?		
a. There should be very few customers having a normalised age value of 1.1.		
○ b. A normalised age value that is close to 1 signifies an unusually old customer.		
○ c. The normalised age values are between -1 and 1.		
d.A normalised age value that is much less than 1 signifies an unusually young customer.		
QUESTION 16	4	f
	1 points	Save Answer
n R, which one of the following statements about the Date data type is TRUE?		
✓ a. R stores dates internally as the number of days since 1970-01-01.		
b. There is no set reference date in R, it should be specified using the date() function.		
c. The default format for inputting dates is dd/mm/yyyy.		
Od. The default date format in R depends on the countries you are in.		
QUESTION 17	1 paints	Save Acres
derenies is	1 points	Save Answer
How do you work out the age of this person on today? dob <- as, Date("1956-10-12")		
<pre>dow do you work out the age of this person on today? dob <- as.Date("1956-10-12")) as.double(difftime(Sys.Date(), dob, units="days"))</pre>		
dob <- as.Date("1956-10-12")		
<pre>dob <- as.Date("1956-10-12")) as.double(difftime(Sys.Date(), dob, units="days"))</pre>		
<pre>dob <- as.Date("1956-10-12")) as.double(difftime(Sys.Date(), dob, units="days")) e) julian(Sys.time(), origin = dob)/365</pre>		
<pre>dob <- as.Date("1956-10-12")) as.double(difftime(Sys.Date(), dob, units="days")) e) julian(Sys.time(), origin = dob)/365</pre>		
<pre>dob <- as.Date("1956-10-12")) as.double(difftime(Sys.Date(), dob, units="days")) 2) julian(Sys.time(), origin = dob)/365 a.1) only b.2) only</pre>		

