

Sway

Lobby

Rooms

Quizzes

Reports

Edit Quiz

Save and Exit

Quiz name

Reading Week 1 (DUE: Tue Aug 1, 9am)

1

MULTIPLE CHOICE

Edit

Data exploration includes?

Answer choices

- | | |
|---|-------------------------------|
| A | looking at your data |
| B | rapidly generating hypotheses |
| C | transforming your data |
| D | modelling |



2

TRUE/FALSE

Edit

Data exploration involves repeating transformation, visualisation and modelling repeatedly

Answer

True



3

MULTIPLE CHOICE

Edit

ggplot2 implements

Answer choices

A	linear model fitting
B	imputing missing values
C	the grammar of graphics
D	none of these

4

MULTIPLE CHOICE

Edit

This R code snippet makes a plot with ggplot2

```
ggplot(data = mpg) +  
  geom_point(mapping = aes(x = displ, y = hwy, color = class))
```

Which part sets the variable to be displayed on the x axis?

Answer choices

A	ggplot
B	geom_point
C	x = displ
D	y = hwy
E	color = class

5

TRUE/FALSE

Edit

In this R code snippet

```
ggplot(data = mpg) +  
  geom_point(mapping = aes(x = displ, y = hwy, color = "blue"))
```

will the points be plotted as blue?

Answer

False



6

MULTIPLE CHOICE

Edit

Object names must start with a letter, and can only contain

Answer choices

A	_
B	.
C	/
D	+



7

SHORT ANSWER

Edit

Why does this code not work?

```
my_variable <- 10  
my_variable
```

Look carefully!

Answer

I should be i



8

MULTIPLE CHOICE

Edit

Which of these is NOT a data transformation verb, according to dplyr?

Answer choices

A	filter
B	arrange
C	number
D	select
E	mutate
F	summarise



9

MULTIPLE CHOICE

Edit

EDA is short for

Answer choices

- | | |
|----------|------------------------------|
| A | Exploratory Data Analysis |
| B | Energise, Do, Act |
| C | Everyone Does Analytics |
| D | Examine Documents Additively |



10

TRUE/FALSE

Edit

ETC1010



“Far better an approximate answer to the right question, which is often vague, than an exact answer to the wrong question, which can always be made precise.”

Answer

True



11

SHORT ANSWER

Edit

A _____ is a quantity, quality, or property that you can measure.

Answer

variable



12 | **SHORT ANSWER**[Edit](#)

A _____ is the state of a variable when you measure it. The value of a variable may change from measurement to measurement.

Answer

value

**13** | **SHORT ANSWER**[Edit](#)

An _____ is a set of measurements made under similar conditions (you usually make all of the measurements in an observation at the same time and on the same object). An observation will contain several values, each associated with a different variable. I'll sometimes refer to an observation as a data point.

Answer

observation

**14** | **SHORT ANSWER**[Edit](#)

_____ data is a set of values, each associated with a variable and an observation. Tabular data is tidy if each value is placed in its own "cell", each variable in its own column, and each observation in its own row.

Answer

Tabular



15

SHORT ANSWER

Edit



_____ is the tendency of the values of a variable to change from measurement to measurement.

Answer

Variation

[+ Multiple Choice](#)[+ True/False](#)[+ Short Answer](#)