Cookie Preferences

► Welcome!	Final Exam Instructions
► About this course	1. Time allowed: 1 hour
Module 1 - What is Data Science?	2. Attempts per question:One attempt - For True/False questions
Module 2 - Up and Running with R	 Two attempts - For any question other than True/False 3. Clicking the "Final Check" button when it appears, means your submission is FINAL. You will NOT be able to resubmit your answer for that question ever again
 Module 3 - The National Energy Board of Canada (NEB) 	IMPORTANT: Do not let the time run out and expect the system to grade you automatically. You must explicitly submit your answers, otherwise they would be marked as incomplete.
Module 4 - Intro to Data Analysis	QUESTION 1 (1/1 point)
 Module 5 - Data Visualization and 	What is Open Data?
Analysis with Open Data	Open Data is data that is defined as structured but not machine-readable.
▼ Final Exam	Open Data is data that may be analyzed computationally to reveal patterns but is never shared.
Final Exam Timed Exam	 Open Data is defined as structured data that is machine-readable, freely shared, used and built on without restrictions.
► Certificate	Open Data is data that does not have a pre-defined data model or is not organized in a pre-defined manner and it is not freely shared.
	Open Data is data that may be analyzed computationally to reveal patterns and is built with restrictions.
	You have used 2 of 2 submissions
	QUESTION 2 (1/1 point)
	RStudio is available as stand-alone software or in the cloud. True or False?
	O False

QUESTION 3 (1/1 point)
RStudio is an IDE - IDE stands for?
Interactive Decoding Environment
Integrated Decoding Environment
Interactive Development Environment
O None of the above
You have used 2 of 2 submissions
QUESTION 4 (1/1 point)
In this course, we accessed RStudio using RStudio Cloud and IBM's labs.cognitiveclass.ai. True or False?
○ False
● True ✔
You have used 1 of 1 submissions
QUESTION 5 (1 point possible)
The National Energy Board of Canada (NEB) regulates:
[Select the most correct answer]

	The construction and operation of international power lines and designated inter incial power lines.
	mports of natural gas and exports of crude oil, natural gas liquids, natural gas, ed petroleum products, and electricity.
	Oil and gas exploration and production activities in specified areas that are not lated under joint federal/provincial accords.
	The construction, operation, and abandonment of pipelines that cross rational borders or provincial boundaries, as well as the related pipeline tolls an
abla	All are true.
×	
You r	ave used 2 of 2 submissions
- ne M mps	ESTION 6 (1/1 point) into Pyramid Principle refers to a process for organizing your thinking so that it easily off the page to lodge in a reader's mind. It notes that people ideally work hinking by creating pyramids of ideas. Select the 3 steps invovled in the concept.
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You have used 1 of 1 submissions

$QUESTION \ 8 \ {\tiny (1/1\ point)}$

he '	in a command in R, place your cursor anywhere on the line you wish to run and hit tab + enter' buttons (Windows) or 'tab + enter' (Mac) True or False?
•	False 🗸
0	True
You	have used 1 of 1 submissions
)(JESTION 9 (1/1 point)
/hic	h R package can we use to add compelling color schemes to our visualizations?
0	shiny
•	RColorBrewer ✓
0	stringr
0	dyplr
0	None of these packages.
You	have used 2 of 2 submissions
Įί	JESTION 10 (1/1 point)
	an use the "read.csv" command to load a CSV. file into the R programming ronment. True or False?
	False
0	

o ggthemes()
o stringr()
o dyplr()
O None of these packages.
You have used 2 of 2 submissions
QUESTION 12 (1 point possible)
Which R command can we use to learn out more about a function?
O by running the function preceded by an exclamation mark '!', e.g., "!subset"
O by running the function preceded by a hash '#', e.g., "#subset"
● by running the function preceded by a star '*', e.g., "*subset"
O by running the function preceded by a question mark '?', e.g., "?subset"
O None of these packages.
You have used 2 of 2 submissions
QUESTION 13 (1/1 point)
When you run Rscript for the first time, you will need to install packages - these are predefined groups of code that perform common instructions. The command to install the 'ggplot2' package is

0 F	packages.install(ggplot2)
0 p	packages.install.ggplot2
⊚ iı	nstall.packages("ggplot2") 🗸
O ii	nstall.packages(ggplot2)
0 N	lone of these packages.
	ave used 2 of 2 submissions
)UI	ESTION 14 (1/1 point)
200	5, Wind is the biggest source of energy for Quebec (QC). True or False?
● F	alse 🗸
O T	rue
_	ESTION 15 (1/1 point) analyzing the NEB Open Data, we learn that
OTTE	maryzing the NEB Open Bata, we learn that
0 0	Over time, Canada expects to replace Hydro with Coal sources of electricity.
	Over time, Canada expects to replace coal with solarWindGeoThermal sources of ricity.
0 0	Canada's electricity will all be imported over time.
0 0	Canada's electricity generation is decreasing over time.
0 0	Over time, Canada expects to replace Hydro with Coal sources of electricity.
You h	ave used 2 of 2 submissions
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End My Exam

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