COURSE MATERIALS PROJECT

DIRECTIONS:

Please answer the following questions and then upload your answers to the Circuits project page.

QUESTIONS:

1. What is the value proposition of my course?
   To offer a 12 week Data Science Immersive course to students who would like to add to their skill set, in order to: get a better job, get a different job, or make a career transition.

2. What does the weekly course schedule look like?

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Math & Programming Fundamentals	EDA & Pandas	Linear Regression & Stats Models	Intro to Logistic Regression	Classification & Databases	Trees & Ensemble Methods	Unsupervised Learning Methods	Bayesian Inference	Working with Time Series Data	Big Data!	Capstone Project & Job Prep	

3. Where can I find my course materials?
   https://github.com/generalassembly-studio/dsi-course-materials

4. What are the major components of my course?
I think what you're asking is, what does a day consist of? If so:
- a morning exercise
- four 1.5 hour blocks consisting of either lessons or labs
- homework

There are also about 7 projects, about 1 a week, with the last one being the capstone.

5. Is there any pre-work for the students? If so, when and how do I provide it to my students?

Pre-Work Expectations

- SQL, Stats, and Python are the most important subjects for Pre-work. Excel is not important.
  - SQL - Review up to the topics in this Khan Academy SQL class for Pre-work
  - Stats - Complete Udacity's Intro to Stats 101.
  - Python - Be able to pass this Python Assessment
    - Potential PreWork Topics & Resources
      - Log Functions
      - Khan Academy (Algebraic Functions, Derivatives/Probability, Vectors, Matrix)
      - Cartoon Guide to Statistics
      - O'Reilly: Think Stats, Think Bayes, Think Python
      - What Common Functions Look Like
      - Python Codecademy; LPTHW
      - Project Euler problems
      - Intro to Python (McKeller)

I think these are assigned to the student after they have registered for the class.

6. What does grading look like? Where can I find the rubrics for the assignments and projects?
The grading rubrics can be found in the github repository with the associated lesson or lab.

Performance Evaluation

Requirements	Incomplete (0)	Does Not Meet Expectations (1)	Meets Expectations (2)	Exceeds Expectations (3)
Specific Requirement #1				
Specific Requirement #2				
Specific Requirement #3				

Performance Evaluation

Criteria	Incomplete (0)	Does Not Meet Expectations (1)	Meets Expectations (2)	Exceeds Expectations (3)
Are you present both mentally and physically in class and/or during team meetings?				
Do you effectively communicate your work, progress, availability and expectations to your instructor, classmates and/or teammates?				
Are you meeting all required deadlines for your deliverables?				
Do you organize your project materials in a structured, easily navigable manner?				
Do you respond well to constructive feedback? Are you implementing suggested improvements?				
Optional: Are you resolving conflict in a professional and respectful manner?				

7. Who do I communicate with if I have questions about my materials?
   - my course producer
   - other instructors via Slack