Database and SQL: Problem Set 3

Directions

For this problem

Citation: You don't need to cite in-class material (from my notes or the lecture books). Any outside material must be cited appropriately.

Scoring. Unless noted otherwise, each coding question is worth 2 points. The scoring is as follows:

2/2 – The problem is complete and correct.

1/2 – The problem is partially correct.

0/2 – The problem is missing but incorrect.

Working with Partner. You are free to work with a partner on this assignment, but each of you should hand in your OWN work.

If you worked with a partner enter their name here: _____

Part 1: Python Programming With Google Colab (20 points total)

Open the following notebook: https://github.com/brendanpshea/intro_to_python/blob/main/Python_01_Intro.ipynb

Complete all 10 of the exercises. Then download your completed notebook as an .ipnyb file with the filename **YourLastName_Python.ipnyb**. Submit this to D2L.

Part 2: Statistical Reasoning With Python and Pandas (20 points total)

Open the following notebook:
https://github.com/brendanpshea/intro_to_python/blob/main/Python_02_Statistical_Reasoning_With_Python_and_Pandas.ipynbComplete all 10 of the exercises. Then download your completed notebook as an .ipnyb file with the filename **YourLastName_Pandas.ipnyb**. Submit this to D2L.

Part 3: Reflection (5 points)

Assess your preparation for this Problem Set by answering the following questions.

1. How long did you spend on the problem set? Did you think this was enough time?
2. Which specific problems did you feel the most confident about? Which did you feel the least sure about?
3. Is there anything you learned in the class so far that wasn't on the exam that you wanted to show mastery of? Tell me about it!