IS 430 – Foundations of Information Processing
Instructor: Kevin Trainor
Assignment: Jupyter Notebook Assignment
Course Component: Coding Assignments
Grading Rubric

Base Point Allocation

Base Points (23 available points)

Requirements
Assignment submitted on-time or within the allowable late period.

Percent Credit	Description
100	Meets all expectations.
0	Not submitted or submitted too late.

Submission

Timeliness (16 available points)

Requirements
Must be submitted by date and time indicated in the weekly schedule.

Percent Credit	Description
100	On Time
0	Late
0	Not submitted or submitted too late

File Submitted (10 available points)

Requirements
Submit only 1 file.
File type must be .ZIP.
File name must conform to all requirements stated in assignment instructions.
Contents of .ZIP file must be a properly named directory that represents a PyCharm project.
Directory contents must be properly named PyCharm project files.

Percent Credit	Description
100	Meets all expectations.
50	Meets nearly all expectations.
0	Does not meet expectations.
0	Not submitted or submitted too late.

Jupyter Notebook

Completeness (25 available content points)

Requirements
Must include Data Cleaning Workflow Example title as shown in the tutorial.
Must include Requirements section as shown in the tutorial.
Must include Overview section as shown in the tutorial.
Must include Raw Data section as shown in the tutorial.
Must include subsections under Raw Data for Configure, Analyze City Name Values, and Analyze State Name Values as shown in the tutorial.
Must include Correct Data Coding Errors section as shown in the tutorial.
Must include subsections under Correct Data Coding Errors for Configure and Run Correction Program as shown in the tutorial.
Must include Cleaned Data section as shown in the tutorial.
Must include subsections under Cleaned Data for Analyze City Name Values and Analyze State Name Values as shown in the tutorial.
Must include analyze_city_name_values.py.
Must include analyze_state_name_values.py.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Technique (26 available content points)

Requirements
The markdown code in the notebook must follow best coding practices as demonstrated in the tutorial.
The Python code in the notebook must follow best coding practices as demonstrated in the tutorial.
analyze_city_name_values.py must follow best coding practices as demonstrated in the tutorial.
analyze_state_name_values.py must follow best coding practices as demonstrated in the tutorial.

Percent Credit	Description
100	Meets all expectations.
90	Meets nearly all expectations.
75	Meets most expectations.
50	Meets some expectations.
25	Meets few expectations.
10	Meets nearly no expectations.
0	Meets no expectations.
0	Not submitted or submitted too late.

Total Available Points = 100

Please Note: This grading rubric allows for adjustments to be made to your content point score. The total number of content points available to be awarded on this assignment is 51. An adjustment of up to 36 content points may be made for submissions that have a low content point score and yet meet the following criteria: Assignment must be submitted on time. Work submitted must show good faith effort on ALL parts of the assignment.