

AC 314 ETL Project

Due date: 2pm, 2/21/2025

Total Points Possible: 50 points

Objective

This project - made available by Ernst & Young's Academic Resource Center for use in classrooms - is designed to (1) refresh your memory on Excel skills (learned through BA 212 and other courses), (2) improve upon your Excel skills to mirror what you may see in the field, and (3) to test your critical thinking skills.

Instructions

1. This case consists of 5 parts:
 - a) ETL Overview and Introduction Questions
 - b) Case 1 Identifying Data Problems
 - c) Case 2 Text Extraction and Unique Identifiers
 - d) Case 3 Advanced Text Extraction and Unique Identifiers
 - e) Case 4 Joining Data
2. You should tackle the parts in sequence. Specific instructions for each part can be found in the attached folder on Courses.
3. You will be submitting 4 Excel Workbooks and 1 PDF document for this project.
4. For each Excel Workbook, please add your last name to the beginning of the file name. For example, *Ong_ETL_Case1*
5. The PDF document should contain your typed answers to the Overview questions and any documentation you were asked to do in Cases 1 – 4. Please ensure that your work is presented in sequence and labelled appropriately.
6. All submissions need to be done via Courses in a single folder. If you have questions about how to do so, please refer to the syllabus.
7. Make sure that the formulas you use are still active in the workbook that you turn in. Do not copy your cells and paste as values.
8. **This is an individual project. All work must be your own and copying the work of others will result in a 0.** Please also do not send the files containing your hard work to others. In this case, copying work of others does not further your understanding of the material and it will put you behind technically when there's future Excel work in this course or others. Allowing your work to be copied by others will only affect them negatively. You may discuss the case with other students in the class, with the professor, and/or the Teaching Assistants (e.g., Sitting at the same table with fellow students and talking about how to tackle a question is okay). See the Academic Honesty section for further information regarding using the work of other students and providing your work to other students.
9. Project office hours:
 - 1/28: 12:45pm – 1:45pm (CCB 301)
 - 2/5: 12pm – 1pm (CCB 301)
 - 2/14: 12.30pm – 1.30pm (CCB 301)
 - 2/18: 3:30pm – 4:30pm (CCB 312)
 - 2/19: 12:30pm – 1:30pm (CCB 301)
10. Please ensure that your work is formatted to the expectations that you have been held to in this course. Failure to comply with formatting expectations and all instructions above will result in loss of project points.
10. If you have any questions, please come to office hours/make an appointment. We will not be taking any questions over email. Please do not email us your files to look over during office hours.
11. My team and I will not be responding to any questions regarding this project after 3pm on Thursday, 2/20.