

ALY6080: XN Individual Contribution

Purpose of Assignment (WHY)

The purpose of these assignment is to accurately assess your contributions to the group work.

Program Learning Outcomes

PLO6: Integrate the major theories, tools, and approaches in data analytics to identify data-driven insights for informed business process management.

Course Learning Outcomes

This assignment is directly linked to the following key learning outcomes from the course syllabus:

Upon the successful completion of this course, students will be able to apply the following concepts on real-world business data and organizational strategic goals regarding data use:

1. **Practical Applications:** Analytical strategies based on organizational needs
2. **Process Planning/Mapping:** Implementing strategic initiatives to prepare for project development
3. **Project Scoping:** Resources, activities, scheduling, and other needs
4. **Big Data Analytics:** Analyzing and identifying patterns in data using applied analytics to answer the organizational needs (tools, theories, hands-on applications, etc.)

Business-Case Presentations: Proof of Concepts - The summary and delivery of final strategies based on organizational needs

Assignment Description (WHAT)

Present exactly what you did towards the XN Project and make sure to touch on the all the categories described on the rubrics below.

Share concrete examples of your contribution to the group project with screen shots; if what you have done has not made to the final product, please submit your code (R, Python, etc) or tool (Tableau or any other IDE) as well. This reflection/essay should not be more than TWO PAGES.

This XN Individual Contribution will consist of four sections and it is your contribution towards your group XN deliverable: (i)

What did you do help the group accomplish the deliverable?

(ii) How did you do it?

(iii) Analysis of what you did (statistical work)

(iv) Conclusion (Reflection on the quality and level of your contribution)

If your score at this essay is 50, you will have 10% less deducted from the group deliverable. For example, if the group receive 210 points on the deliverable (tool), your mark for that will be 189.

70: no deduction 65- 60: 5% less 55- 50: 10 % less 55-40: 20 % less 35-30: 50% less Below 30: 60% less
Individual Contribution to XN Project Essay (70pts)

Criteria	Above Standard 100%	Meets Standard 85 - 99%	Approaching Standard 75 - 84%	Below Standard 0 - 74%	PTS
Data Preparation 20%	The data set was cleaned, formatted, and prepared for analysis in an exemplary way.	The data set was cleaned, formatted, and prepared for analysis in a satisfactory way.	Flaws are present in the way the data set was cleaned, formatted, and prepared for analysis.	Substantial flaws are present in the way the data set was cleaned, formatted, and prepared for analysis, making the data set useless for analysis	14pts
Concept Clarity 30%	Initial concepts were original, relevant, and clear. The analysis was developed beyond expectations throughout the design process.	There is strength and relevancy in the initial concepts, most of which were visible throughout the iteration process	The project presents a recognizable concept, but the presented analysis could have been taken much further in terms of depth, argument and clarity.	The project lacks conceptual maturity - it does not have a clear point or contains flawed or contradictory arguments.	21pts
Innovative Element 26%	The chosen visualization type presents an innovative solution beyond being appropriate for the selected data structure.	Selection of visualization type is appropriate for the selected data structure.	There are other visualization types that are better suited for the selected data structure.	Selection of visualization type is not appropriate for the selected data structure.	18pts

Visualization Design 24%	The visualization is not only legible due to appropriate choices of colors, placement of visual forms, labeling and annotation, but demonstrates a high level of design competency.	The visualization is legible due to appropriate choices of colors, placement of visual forms, labeling and annotation.	Some good choices of colors, arrangement of visual forms, labeling and annotation, but inconsistencies and ambiguities remain.	Visualization is confusing due to inappropriate and inconsistent use of colors, placement of visual forms, or missing or confusing labeling and annotation.	17pts
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