**Due 7/35.5 pages**

**1). Lean Six Sigma inCase StudiesAssignment Instructions**

**Overview**

This assignment seems to take a slight break from the larger (traditional) Case Study research (described in Yin (2018)) methods to explore Lean Six Sigma (LSS) and how it applies to business solutions (cases)(George, et al (2005) and Zwetsloot et al. (2018)).Sometimes the LSS application to case studies and business solutions is not obvious, but necessary for a number of reasons, not the least of which is the triangulation of data.

**Instructions**

After reviewing the Learn material for the Module: Week, address the following paper in current APA format:

1. Define Lean Six Sigma and understand lean thinking

2. Understand the benfits of Lean Six Sigma

3. Explain and differentiate between the 5 principles of lean and the seven principles of Lean Six Sigma

4. Describe the phases of DMAIC and their activities

5. Explain how Lean Six Sigma brings a hint of all three traditional types of research (qualitative, quantitative, and mixed methods) to bear on Case Study research and business solutions.

**Required Format**

This 1600 minimum, 2400 maximum word paper needs to be written with these main sections:

Cover page

Abstract

Introduction

Lean Six Sigma and Lean Thinking

Benfits of Lean Six Sigma

Principles of Lean and Lean Six Sigma

DMAIC

Application of Lean Six Sigma Through All Types of Research

Conclusion

References

**Other Requirements**

Materials submitted to fulfill requirements in one course may not be submitted in another course. Concerns about the propriety of obtaining outside assistance and acknowledging sources should be addressed to the instructor of the course before the work commences and as necessary as the work proceeds.

* The cover page must include this statement as an author’s note: “By submitting this assignment, I attest this submission represents my own work, and not that of another student, scholar, or internet source. I understand I am responsible for knowing and correctly utilizing referencing and bibliographical guidelines. I have not submitted this work for any other class.”
* In addition to the course textbook(s) and the Bible,this paper must include at least 5 references from scholarly articles that have publication dates no older than 5 years. Do not use any books other than the Bible and the textbook. Do not conduct interviews.
* There should be at least one instance of biblical integration (at least one scripture reference).
* In-text citations are required to support your statements, points, assertions, issues, arguments, concerns, paragraph topic sentences, and statements of fact and opinion.
* The required cover page, abstract and the reference pages are not included in the required assignment word count but are required as part of your paper.
* The APA required abstract and conclusion section headings and subject headings (see above) are expected. For papers this length, there should be at least two (2) ‘levels of headings’.
* The introduction and conclusion sections should not be longer than ½ page each since the assignment is short in word count.
* The required abstract should be written as a stand-alone document and not written as an introduction since an introduction section is required. Therefore, refrain from using phrases such as, “in this paper,” and do not use citations. See example in APA manual.
* Sources of information from Wikipedia, dictionaries, and encyclopedia will not be accepted.
* Paragraph lengths: Each paragraph should have a topic sentence unless it continues from or provides support to the prior paragraph. A paragraph is defined in this course as being at least 4 sentences in length.
* All parts of the assignment must be based on scholarly and biblical literature.
* Avoid clichés, slang, jargon, exaggerations, abbreviations, figurative language, and language that is too informal and too subjective.
* Submit your final document for grading with file name syntax: **Last NameFirst Initial Project#**. For example: PhilebaumJ Project2.doc (no .pdfs)

Note: Your assignment will be checked for originality via the Turnitin plagiarism tool. The tool is a starting point for instructors to check overall Academic Integrity and higher scores generally indicate a higher probability of Academic Misconduct. The higher a score, the higher the probability that there are too many quotations included in the narrative, and/or there are passages that have not been properly cited.

[Read: Yin: Chapter 3](https://canvas.liberty.edu/courses/267628/modules/items/31378342)

[Read: Keller: Chapter 2](https://canvas.liberty.edu/courses/267628/modules/items/31378349)

[Read: George, Rowlands, Price, & Maxey: Chapters 1– 2](https://canvas.liberty.edu/courses/267628/modules/items/31378354)

Due 7/9 5.5 pages

2.)**Explanatory Case Study Assignment Instructions**

**Overview**

Per the overview, in this module, analyzing case study evidence requires the researcher to: review the data *again* to ensure you haven’t overlooked or minimized some piece, think way ‘outside the box’, *re-*focus the research questions and propositions, *study* current research trends and philosophies, and do *more* qualitative literary research. This is the essence of the iterative process of analysis. Finally, as we discuss the Explanatory Case Study, we see some circumstances remove the Explanatory from a candidate case due to being ineffective. You will draft an Explanatory Case Study (avoiding historiographical tendencies) that is used to explain causal relationships that replicates a previous experiment.

**Instructions**

After reviewing the Learn material for the Module: Week, address the following paper in current APA format:

1. Distinguish rival explanations and interpretations within your case study

2. Explain the circumstances where an Explanatory Case Study would be most effective

3. Explain the difference between an Explanatory Case Study and Historiography

4. Draft an Explanatory Case Study that replicates a previous experiment suitable for disseminating for future use. You will fold in elements of Lean Six Sigma as role modeled in the Furterer article. (Also see Boxes 1& 4, and Applications #8 &# 9 (Yin, 2018))

**Required Format**

This 1600 minimum, 2400 maximum word paper needs to be written with these main sections:

Cover page

Abstract

Introduction

Case Study Analysis -Rival Explanations and Interpretations

Effective Explanatory Case Studies

Explanatory Case Study vs Historiography

Explanatory Case Study with Lean Six Sigma

Conclusion

References

[Read: Yin: Chapter 3](https://canvas.liberty.edu/courses/267628/modules/items/31378342)

 [Keller: Chapter 2](https://canvas.liberty.edu/courses/267628/modules/items/31378349)

 [George, Rowlands, Price, & Maxey: Chapters 3 — 4](https://canvas.liberty.edu/courses/267628/modules/items/31378435)

**due 7/9 5.5 pages**

**3). Exploratory Case Study Assignment Instructions**

**Overview**

In this Module: Week, you will demonstrate your knowledge of preparing and collecting case study (evidence) data. The overview used the term *process* as you will not only develop a case study protocol and explain the use of pilot studies, but dive into the sources of data, and how to comprehensively collect and care for your study’s data. Finally, you will scratch the surface of the first type – Exploratory Case Study.

**Instructions**

After reviewing the Learn material for the Module: Week, address the following paper in current APA format:

1. Develop Case Study protocol as it relates to describing how to screen candidate cases and select final cases

2. Explain why, when, and how to use pilot case studies

3. Describe and triangulate the six sources of evidence

4. Explain the purpose and requirements of a comprehensive case study database (consider from raw data to final conclusion and the reader may need access to all data to draw their own conclusions)

5. Draft an Exploratory Case Study Model that determines whether a topic is worthy of further investigation *and* serve as a prelude to a survey or experiment (use Yin’s (2018) Application #1 [p. 66] as a template)

**Required Format**

This 1600 minimum, 2400 maximum word paper needs to be written with these main sections:

Cover page

Abstract

Introduction

Case Study Protocol

Pilot Case Studies

Sources of Evidence/Triangulation

Case Study Database

Exploratory Case Study Model

Conclusion

References

[Read: Yin: Chapter 4](https://canvas.liberty.edu/courses/267628/modules/items/31378424)

[Read: Keller: Chapter 3](https://canvas.liberty.edu/courses/267628/modules/items/31378431)

[Read: George, Rowlands, Price, & Maxey: Chapters 3 — 4](https://canvas.liberty.edu/courses/267628/modules/items/31378435)

**5.5 pages**

**Due 7/16**

**4).Descriptive Case Study Assignment Instructions**

**Overview**

We begin this Module: Week with analyzing case study evidence. Our overview said, analysis then, begins with the data and *how* we see it - the interpretation or operative words are array and display. That is, in different ways, so you may observe the data in a unique range or grouping to help see new patterns, insights, and concepts. There are a number of strategies and techniques for how to do this. We’ll wrap this module up with a deep-dive on the Descriptive Case.

**Instructions**

After reviewing the Learn material for the Module: Week, address the following paper in current APA format:

1. Describe how to order and display case study data in different ways

2. Identify methods for setting-up (‘play’) with data to help detect promising patterns, insights, and concepts in case study data

3. Explain the four generic analytical strategies and the five analytical techniques for case study data

4. Draft a Descriptive Case Study that is unique and not normally available to researchers (see Box 28, Box 3A (Yin, 2018))

**Required Format**

This 1600 minimum, 2400 maximum word paper needs to be written with these main sections:

Cover page

Abstract

Introduction

Array and Display Case Study Data

How to DetectPatterns, Insights, and Concepts

Generic Analytical Strategies and Analytical Techniques

Descriptive Case Study

Conclusion

References

[Read: Yin: Chapter 5](https://canvas.liberty.edu/courses/267628/modules/items/31378502)

[Read: Keller: Chapter 4](https://canvas.liberty.edu/courses/267628/modules/items/31378507)

Read: George, Rowlands, Price, & Maxey: Chapters 5 — 6

**Due 7/23**

**5. Explanatory Case Study Assignment Instructions**

**Overview**

Per the overview, in this module, analyzing case study evidence requires the researcher to: review the data *again* to ensure you haven’t overlooked or minimized some piece, think way ‘outside the box’, *re-*focus the research questions and propositions, *study* current research trends and philosophies, and do *more* qualitative literary research. This is the essence of the iterative process of analysis. Finally, as we discuss the Explanatory Case Study, we see some circumstances remove the Explanatory from a candidate case due to being ineffective. You will draft an Explanatory Case Study (avoiding historiographical tendencies) that is used to explain causal relationships that replicates a previous experiment.

**Instructions**

After reviewing the Learn material for the Module: Week, address the following paper in current APA format:

1. Distinguish rival explanations and interpretations within your case study

2. Explain the circumstances where an Explanatory Case Study would be most effective

3. Explain the difference between an Explanatory Case Study and Historiography

4. Draft an Explanatory Case Study that replicates a previous experiment suitable for disseminating for future use. You will fold in elements of Lean Six Sigma as role modeled in the Furterer article. (Also see Boxes 1& 4, and Applications #8 &# 9 (Yin, 2018))

**Required Format**

This 1600 minimum, 2400 maximum word paper needs to be written with these main sections:

Cover page

Abstract

Introduction

Case Study Analysis -Rival Explanations and Interpretations

Effective Explanatory Case Studies

Explanatory Case Study vs Historiography

Explanatory Case Study with Lean Six Sigma

Conclusion

References

[Read: Keller: Chapter 9](https://canvas.liberty.edu/courses/267628/modules/items/31378585%22%20%5Co%20%22Read%3A%20Keller%3A%20Chapter%209)

[Read: George, Rowlands, Price, & Maxey: Chapters 8 — 9](https://canvas.liberty.edu/courses/267628/modules/items/31378592)

[Read: Yin: Review Chapter 5](https://canvas.liberty.edu/courses/267628/modules/items/31378601)