**Modeling The Future Report**

<Insert Team Name: Topic Title Goes Here >

Submitted by

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# List of Tables

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Table 2. Equality of Emotional Intelligence Mean Scores by Gender 85

Table 3. The Servant Leader 87

Note: Single space multiple-line table titles; double space between entries per example above. The List of Tables and List of Figures (styled as Table of Figures) have been formatted as such in this template. Update the List of Tables in the following manner: [Right click 🡪 Update Field 🡪 Update Entire Table], and the table title and subtitle will show up with the in-text formatting. After you update your List of Tables, you will need to manually remove the italics from each of your table titles per the example above.

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Note: single-space multiple line figure titles; double-space between entries per example in List of Tables on previous page. Use sentence case for figure titles. After you update your List of Figures, you will need to manually remove the italics per the example above.

# Executive Summary

The Executive Summary is one page (max). Your twenty page report is inclusive of visualizations (it does not include the title page and references). Before you get started in inserting your report, change your VIEW in MS-Word by clicking on View at the top of the page and check the box (under MAILINGS) that reads “Navigation Pane” to clearly see all of the components that should be in your report. You may then use the sections outlined on the left to quickly go to that section of the paper to provide your written response. To undo this view, simply follow the previous steps and uncheck the “Navigation Pane”. To compel the reader, start by telling them about the impact of the future cure on the disease (i.e., ATTENTION GRABBER). What was your RQ(s)?

In this written report, you will detail how you expect an upcoming cure for your chosen disease name or treatment to change the future. How will the identified future cure change healthcare? Be sure to say what illness or disease you are writing about. You should follow the example given to you earlier to be sure to include every part in your report and refer back to your notes from the Webinar with Ms. Owen. Remember the next time (last one) that we meet with her, she will review your Preliminary Report and provide you with suggestions to improve it. That meeting is tentatively set for February 7, 2019, 3:00 pm – 5:00 pm. As before, food will be provided. Finalists who are chosen will have time to tweak their final documents before presenting live to a panel of experts at the Symposium. Scholarship awardees will be selected at the Symposium. In narrative form, you are expected to include the following components: Executive Summary, Data Methodology, Mathematics Methodology, Transportation Analysis, Insurance Analysis, Society At Large Analysis, and Conclusions. Organization is most important.

# Technology Overview

This section is limited to three pages. What were your sources of data? Which sources were used to answer each research question?

# Data Methodology

This section is limited to two pages. What data did you use? Describe the data used. Does your explanation demonstrate sound critical thinking about the data and have strong reasoning behind why and how the data was used? What was your independent variable(s)? What was your dependent variable(s)? What math do you need to know to apply your data to the research question(s)? Be sure that together, your independent variable(s) and dependent variable answers your research question(s).

# Mathematics Methodology

This section is limited to four pages. How well do the models use sound mathematical principles? Does it incorporate advanced mathematical techniques beyond just arithmetic and basic statistics like mean, median, and mode?

To receive full points, the submission will demonstrate that advanced statistical and modeling techniques were used to develop the analyses. It should have a strong description of the mathematical techniques used in all models, and have strong justification for the use of each mathematical technique.

# Results

This section is limited to six pages. Here, you will detail the results of your analyses. What did you learn? What are the implications from a consumer perspective? What are the implications to the healthcare industry?

The submission should identify and characterize specific changes to health insurance policies based on direct inference from their mathematical models. The submission should also demonstrate a strong understanding of the economics of healthcare insurance and demonstrate how the use of future cures will impact the financials of these policies.

How well are existing health-insurance policies understood and how well does the submission model the changes that may be required to those policies with the expected adoption of the future cure over the next few (such as 10) years?

Identify one or more sectors of society that will be affected by the future cure. The submission must accurately characterize effects based on mathematical analysis. The submission should demonstrate how that change is expected to propagate over 10+ years.

# Conclusions and Recommendations

This section is limited to four pages. To receive full points, the submission must identify and characterize one or more specific changes in the healthcare industry that are based upon direct inferences from the mathematical models. The submission should state how the expected healthcare industry statistics were calculated, both with and without adoption of the future cure.

Name at least one organization that will be impacted by the recommended change. Are there any negative impacts? Describe the impacts in general.

Good luck everyone! Please turn in your final reports via email to Mrs. Johnson and Mrs. Picket no later than midnight on Friday, February 15, 2019. We need to submit them to the MTF organization by the deadline date, barring any technology issues.

Finalists will be announced on March 1, 2019! Symposium presentations by Finalists will take place in April.

# References

Centers for medicaid and medicare services. (2019). *CMS.* Retrieved from https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html

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