**Project 1 Proposal**

**UNCC Data Analytics & Visualization Bootcamp**

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| **Project Title:** | World Happiness | |
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| **Team members:** | Beth Myers  Jared Nieves  Matthew O’Donnell  Zachary Rogers  Darrius Summers | |
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| **Project Description:** | The team thought it would be interesting to learn how happiness is measured and what elements impact overall happiness. Using a variety of metrics to learn correlations between set variables by country over time. | |
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| **Research Questions to Answer:** | What element has the greatest impact on happiness?  What element has the least impact on happiness?  How does GDP impact happiness?  What does the average happiness level over time (are we happier now)?  How does life expectancy compare to GDP?  How does freedom impact happiness? | |
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| **Dataset(s) to be used:** | Kaggle datasets:  World Happiness Reports for 2015 through 2019 | |
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| **Rough Breakdown of Tasks:** | Topic idea generation  Documentation of project proposal  Manage GitHub  Pull data  Review files to determine standardization  Create Jupyter Notebook & conduct data pull / merge  Clean data & format data  Determine major questions to answer with data  Create 6-8 visualizations to answer questions  Outline summary of findings  Documentation of project presentation  Speaker for presentation day | Team  Beth  Beth  Jared  Jared  Matt  Zack  Beth  Darrius  Darrius  Team  Team |