## 

## **Summary Document**

## **Please submit a document with the following items:**

## **Scrum Master for next week: Ivette Sierra**

## **List at least 5 things the team did well and will continue doing:**

## **1. The team realized data wasn’t appearing normal in correlations and sought out a different approach. This new approach was a lot of work, analyzing data and finding new possible categories to influence the dependent variable. We will continue to push forward even when we are up against major obstacles that must be overcome.**

## **2. The team worked extremely well together with new approach ideas in hand. All 3 team members found new data to support theories and data to back up said theories and will continue to do so, if necessary, at this point.**

## **3. We realized we do have physical/mental limitations when it comes to the level of alertness a data scientist must always have. Working so diligently over the last 2-3 weeks with wrangling data and realizing we needed to change our approach in some ways increased our workloads per person significantly. When it’s time to sleep, we need to sleep. When we need time off to take care of family matters or take time to mentally recharge, we must do so.**

## **4. My team members still amaze me with the level of dedication they have had towards the production of a good final project. Ivette Sierra and Nicole Mosely will make very driven employees for the companies they work for in the future. I am sure they will continue to distribute a high level of involvement until the project is completed and presented.**

## **5. Team members were excited to see the data visuals and correlated data to showcase our theories coming to fruition. We will continue to develop our visuals throughout the week to support said theories.**

## **List at least 3 things the team did poorly and how you will mitigate them next sprint:**

## **We need to implement a better work life balance. The workload over the last 3 weeks has been demanding to say the least with the slight direction change we felt the team needed to take. We wouldn’t change the fact we dug in and worked hard to accomplish our team goals. We just need to know it’s ok to take naps or tell other team members we need a break for the evening.**

## **So much happened over the course of this week. Each team member really outdid themselves, but we could utilize the Kanban board more.**

## **Again, so much happened over the course of this past week but utilizing GitHub could be improved upon.**

## **List shout-outs to any team members for excelling in any way:**

## **1. Ivette Sierra: Ivette dug deep into Python research and Tableau graphing to demonstrate theories and patterns. She worked when she was tired and didn’t complain. She just wanted the job done.**

## **2. Nicole Mosley: Nicole researched and found new datasets and graphs to support theories that demonstrated manufacturing stats and production stats within the U.S. Nicole prepared even more usable google sheets for us to import into python to analyze over and over. Her determination was commendable.**

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## **What did you learn as a team this week? If you run into a roadblock with your data, keep trying to find more datasets and re-wrangle the data. Don’t give up. We found new correlation to support our theory even further. We took old data and put it into new datasets to re-wrangle and results were beautiful!**

## **What did you learn as an individual this week?**

## **Natalin: We all need lots of sleep after this week and a nice vacation! I have pushed when tired and worn out. I sacrificed family time. I learned I have to have more work-life balance when I start work. I really look forward to seeing the outcome of the entire project and presentation. I still have an amazing team!**

## **Ivette: Pushing myself through the tiredness from work to come home and continue to work on the final project. Keeping in touch with both my team members to discuss the data. Overall, the anticipation of this project coming to life with all of the findings, visualization, photos and interview will show all the hard work and sacrifice we’ve done as a team despite any obstacles we may have encountered.**

## **Nicole:** It is important to be sure to not neglect the simplicity of a topic in seeking to find and examine the details. It is good to not overcomplicate the analysis of your data at the expense of missing the simplicity of your message about what you can learn from the data overall. Speaking with my insightful and determined teammates helped me to understand this as well, and thankfully, not become too caught up in the details.

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## **Code Review**

## **Please submit all project documents related to your efforts this week, including all code used. If you used Tableau, please take screenshots.Your code will be graded on the following four criteria:**

## **Does your code run smoothly from the top to the bottom of the file?**

## **Do you have comments explaining what you're doing before you do it?**

## **Are you working on the appropriate weekly task (i.e. data visualization)?**

## **Do you have comments explaining your interpretation of the code results (if applicable) after the code**