Weekly Scrum Report 4
Team 2

Name: Shang Lyu

- What have I worked on?

I wrote python code to finish analyzing hypothesis (a) by merging the demographic dataset and Friday AM dataset into the data frame and plot a scatter graph. Then I used 'pearsonr' to calculate the correlation between "Age" and "Financial Stability" columns, and the result shows that the hypothesis is true.

I also wrote simple code to analyze the demographic information for each column in the dataset: State, Age, and Industry, by plotting bar charts and box charts.

- What will I be working on next?

I will continue working on other hypotheses, and for now I think I will work on the hypothesis "Participants who take an average of 4 breaks per day will positively correlate with productivity scores in the E-Work Life Scale (questions 16-20) and report lower discomfort at one ".

- Have I run into any issues? Do I need help?

I am confused by the Garmin data and did not use that dataset in this week's work, though I do not think the task I completed needs Garmin data. As far as I understand now, Garmin datasets are used to fill in the 0s in each datasets, which we will need to fill before using the datasets or there will be some data missing.

Name: Dhun Jitendrakumar Jayswal

- What have I worked on?

  I have worked on sorting and preprocessing the data of 3 months and found the correlation between the Florence score and the break pattern.

- What will I be working on next?

I will continue working on other hypotheses, which we will be discussing in out next meeting.

- Have I run into any issues? Do I need help?

No, I had no problem this time, but had a tough time figuring out the data on which I had to work.

Name: Jeya Varshini Bharath

● What have I worked on?

I worked on extracting the 1 month data from the 3 month data given. I also did preliminary analysis on the extracted 1 month data. I wrote code to plot and correlate 'Daily breaks' taken by each person with 'florence score', proving the hypothesis.

● What will I be working on next?

I will see if there are other questions we can explore with the data given at this stage. Will check if there are other potential hypotheses we can define.

● Have I run into any issues? Do I need help?

I did not run into any issues.

Name: Navya Jain

- **What have I worked on?**

 I worked on Deliverable 1 this week. Based on the meeting notes with Zula, I began preprocessing the data. Since we split the workload, my job was to deal with the 6 month data and answer a key question regarding the hypothesis.

- **What will I be working on next?**

 I will be working on combing the garmin data next. Then, I will work to prove another hypothesis.

- **Have I run into any issues? Do I need help?**

 No, everything is fine so far.

- **Team Lead: Have I talked to the client recently? When are we meeting with them next?**

 I had a check-in meeting last week. A meeting is scheduled with the client after the spring break.