

8 8-17-22 Tableau Public and Medium Article

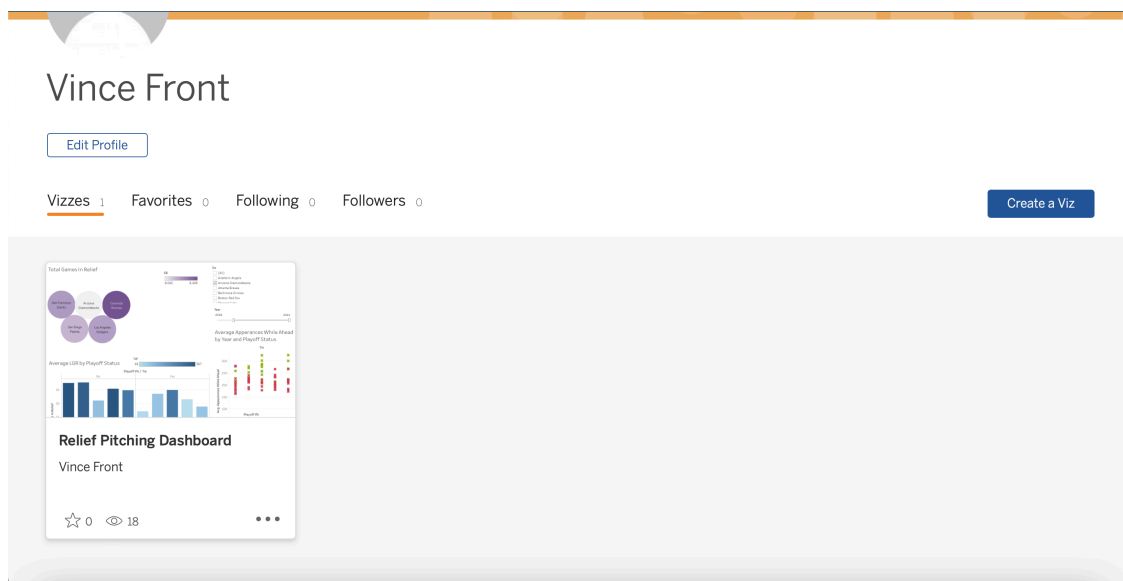
August 17, 2022

1 Setting Up Tableau Public and Adding Your Dashboard to Our Repository

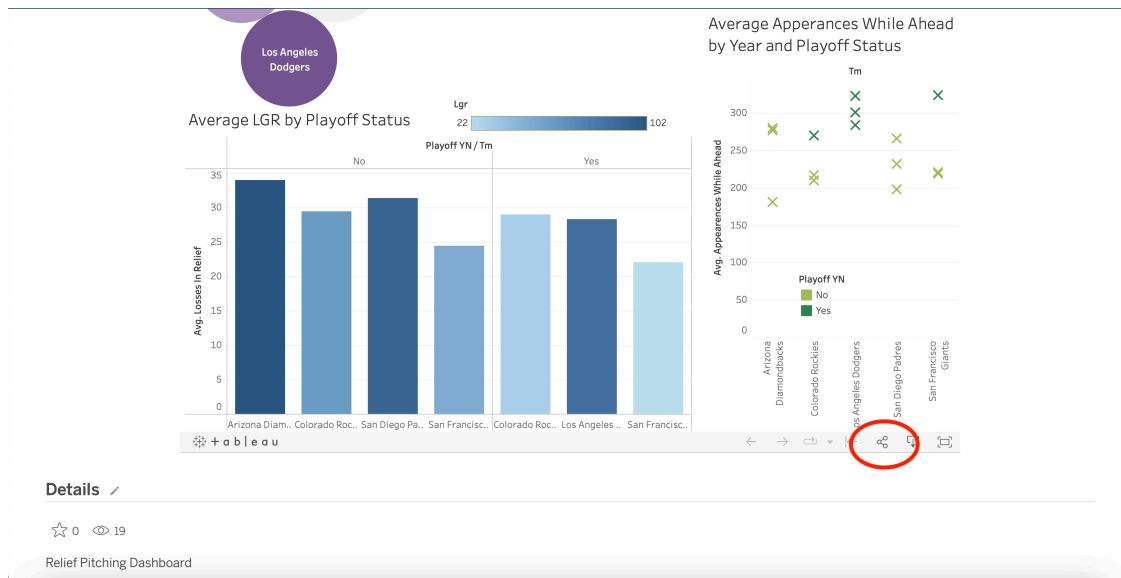
There is a way to display your dashboards online so that anyone can see and use them! Tableau Public is a website under Tableau that allows users to publish dashboards to their account and have other people see them. Instead of putting our .twb files on GitHub, we will be creating a markdown (.md) document with a link to our Tableau dashboards and adding that to GitHub. Here are the steps to set that up:

1- Follow the “Use Tableau Public” section of [this tutorial](#) that shows you how to add your dashboard to your Tableau Public Account.

Your profile should now look like this:



2- Click on your dashboard so that goes to its own browser window. Hit the share button on the bottom right corner of the dashboard and copy the link to your dashboard.



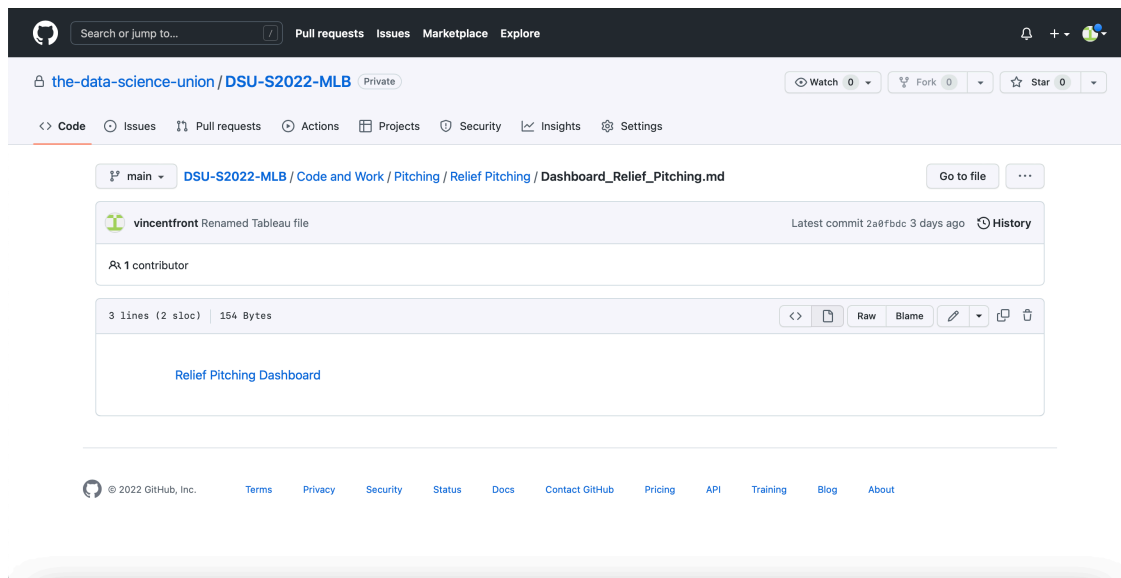
3- Open your shell, and using `cd` navigate to our project's repository on your computer. Execute `git pull` to have the latest version of the repo. Then, navigate to your specific folder in the repository using `cd` (i.e. `cd Code and Work/Pitching/Relief Pitching`)

4- Next, execute the command `touch YourDataSet_Dashboard.md` in your shell. This will create a markdown file of the name `YourDataSet_Dashboard.md` in your current directory. (i.e `touch Relief_Pitching_Dashboard.md`)

5- Then, execute the command `nano YourDataSet_Dashboard.md` in your shell. This will open up a new window in your shell that will allow you to make changes to the markdown document.

6- In a markdown document, the format `[text](link)` creates a hyperlink with the text being the text that is linked and the link being the url to link to. On the markdown document, type out `[YourDataSet Dashboard](link you copied from dashboard)`. Use `control + O` then hit enter to write out the markdown document (i.e. save the changes). Use `control + X` to go back to the shell.

7- Navigate back to the main folder of the project's repository and commit and push the changes you made. When the push has been made, this is how your markdown file should look on the online repository: As you can see, there is a hyperlink to my dashboard.



2 Medium Article

We will be sharing the work we did and the findings we found by publishing an article on Medium. Everyone will be writing a section of the article that goes over their dataset in a Google Doc and adding it to the Medium Article Sections folder in the project **Google Drive**. I will add these to the Medium article once you have added them to the Google Drive. I might make some edits to your writing to improve the flow of the article, but I will not make any major changes.

In your article, please write 8-12 sentences covering all of the following topics:

- A description of what aspect of baseball your dataset is measuring (hitting, fielding, pitching) and what is different about the metrics in your data set compared to the other datasets in your same aspect (how is my dataset different than the other pitching datasets?)
- Which variables did you find were most correlated to playoff status? If applicable, were there any variables that you were surprised to find out were more/less correlated with playoff status than you thought they would be?
- Provide one of your EDA visualizations and describe what finding you were able to draw from it
- Discuss one of the ML models you used, what its average accuracy was, and provide the visualization of the predictions it produced. Do the predictions seem accurate? Were there any surprises in your predictions? Was there anything else to note about your ML model?
- One sentence summarizing the conclusions found in your analysis throughout the project
- A source to your dataset, in the format:
 - “Name of your dataset.” Baseball Reference, link to the 2022 version of your dataset. Used the 2000-2022 versions of this data table.

3 To Dos For This Week: Hard Deadline of Tuesday, August 23rd at 10:00 PM

1. Add your dashboard to Tableau Public and add a markdown document to GitHub with a link to your dashboard
2. Write your section for the Medium article and upload it to the Google Drive
3. Push all of the .csv's you used for this project to the GitHub repository if you haven't already
4. Attend the optional work session on Thursday, August 18th at 8:00 PM if you have any questions or things you would like to work on

Thank you all for a great project. I am so proud of how great your work looks and how committed you have been to this project. I am really glad I got to work with each and every one of you. I hope you all have a great rest of your summer and I will see you in the fall! <3