

I have spent a little under two weeks on this project. I took my time with it because I discovered I had a lot to learn before I apply my knowledge. I am really happy that this project pushes me to improve and hone my Python and Pandas skills. I had no idea about the number of extremely useful Pandas methods that would make life much simpler. For example, I wanted to see if certain elements within a Pandas series were in a list so that I can change these elements to NaN. I spent a lot of time trying to come up with a piece of code. I considered writing a loop to iterate over the series but got stuck. When I went over the documentation and StackOverflow I found out that there is a simple `isin()` method that would allow me to do this operation in just a single line!

I am happy that I went through this same experience of discovering useful bits and parts more times than I can remember. The people of the Q&A platform were of immense help as well!

I can confidently say that this project has highly motivated me to learn and apply a lot of new things. I tried to follow the same style taught in this class of gathering, assessing, and cleaning data. I am now more comfortable handling index in a table. Dropping, adding, and editing(merging) columns. How to change datatypes. I can easily query columns and rows to look for something specific and so much more. I now understand how cleaning your data pays off and why it is crucial when it is time to draw insights and produce visualizations. I had little to no skills in producing nice yet useful diagrams that can tell a story but thanks to this project I was able to push forward and learn more.

In summary, this is an amazing experience and opportunity to learn data wrangling, and what is a better way to learn than by doing?