**Marvel Books Project**

**Week 1 – 25.11.2023 - 01.12.2023**

1. Getting the data from Marvel’s website using API calls.

* I explored the documentation online
* Found a YouTube video that helped me to extract the data about the characters
* I found out that the method had its limitations – it could only get 100 rows (characters)
* Kept exploring and I found a better code on StackOverflow with 100 items loop which solved my first problem
* Spent some time figuring out the code as I had to connect to .JSON and I hadn’t done that before
* It took me 4 days to get more or less the data I wanted **– at this point I still have issues with wrongly separated data, blank cells and a maximum of 20 characters that appear in a comic book**. - decided to continue and progress with the dashboard development. I got rid of the records with bad data and made piece with my mind that for the moment I will not get the full data about the characters in each comic book
* At this point I am at 2 days of Power BI Dashboard development – my data model is simple; I’ve made it very artistic and have added many elements that don’t come by default with Power BI. I’ve used images but some of them were with a white background and I had to photoshop them. The free AI Image online creators such as DALL-E and Microsoft Designer didn’t do a good job generating photos.

**Week 2 – 02.12.2023-06.12.2023**

* I couldn’t have a peace with my mind for very long. I had to make the code work and get all the data I needed. I kept digging and used chat GPT to help myself with the code so I could extract the data for all characters that appear in all books. After a few attempts, a few mistakes I made and some waiting time it worked. I said waiting time because for that to work I had to two separate API calls – one for the character and another that gets all the books the current character is referenced.
* Had to replace some of the pictures I used in Power BI as I didn’t know I couldn’t use everything I take from Google.