1. The web API I have chosen is called “The one API to rule them all” and is a simple, token requiring API used to get specific information from the Tokien universe. The process started by identifying possible candidates and investigating whether a key or token was required. Eventually the conclusion was made that the majority of api’s seem to require some sort of verification. Considering the design of the api I chose Postman as a starting location to “test” the base-url and verify that it worked. Furthermore, I needed to gain access and configure the “authorization” page by posting a bearer token. The API was deemed interesting and by using the endpoint I was able to gather huge amounts of information.

Et bilde som inneholder tekst

Automatisk generert beskrivelse

Postman provided a useful and easy overlook and provided the most stable authorization in contrast to Pycharm. The API also specified that one user may only have 100 requests within 10 minutes. This results in strain on the server and limits the activity across the user-base. Et bilde som inneholder skjermbilde, overvåke, bærbar PC, datamaskin

Automatisk generert beskrivelse

To store two endpoints as a flat file the Postman dashboard provides an easy solution, simply by pressing the “store to file” and designating a location on the computer the file is stored as json. Pycharm requires a bit of typing but the result is the same.

Token: API Key (authentication) required to acquire the full depth of information.

Endpoint: Designated formula to retrieve information from the database

>Flat file: Text file that stores the information in plain text