**Section - I:**

* The first section describes the gathering of data from the d1 chart.
* When hitting the API with birth details, area, and gender, the response object was a JSON string with the 11 houses, with their planets in them.
* Parsing the object with UTF-8 encoding, we got the operable data.
* We created two list variables, namely ‘names & ‘degree, storing in them the extracted names and degrees from the planets.
* But for a data point [a single entity], where no houses were returned but an error JSON, we handled it before actually extracting the two lists.
* All the above was accomplished with the help of iterrows function wherein the function to manage all the business logic was passed.
* Returning to us a data frame and saving it as a CSV file.
* Source Code for Section - 1 is located at:

<https://colab.research.google.com/drive/1bUdqnsJYbQ1vVnwoGBwF2-eD4a_ICv-t>

**Section - II:**

* The following section is a simple analysis done on the data gathered in this case, which is the star signs.
* It consists of Exploratory Data Analysis of each attribute to summarize the main characteristics. gain understanding and uncover relationships between variables.
* We were able to extract important variables from the data.
* Source Code for Section - 2 is located at:

<https://colab.research.google.com/drive/1MUnPuQkobUcVtkkSNFBXco4LdLg8JdqU>

**Section - III:**