The python script:

1. Run the .py file by hitting (shift+F5). The entire program will run.
2. You will be prompted to enter the name of the department. Example: Seine-maritime,Eure etc. A data table with the accumulated monthly new patients for different stats will be displayed.
3. A prompt for additional information is printed. If you type 'yes' you will get more information about the hospital stats for the selected department.
4. Next you will be presented with the bar charts. Hit enter after the display prompt.
5. After this you will get more descriptive statistics charts.
6. After the bar charts the word clouds and dynamic word clouds are displayed. Just follow the in-console prompts.
7. The outputs from the script are all the images, csv files, json files, multi-page pdf, and the html_report.
8. At the end of the program, the flask app is automatically started and can be accessed in the address displayed in the console.

The html report:
- Access the 'html_report' file in the 'data' folder.

The flask app:
- There are 2 pages in the app.
  - The 'index' page is the default page displayed on going to the address. The csv or json files can be downloaded by clicking the links.http://127.0.0.1:5000
  - The 'charts' page which can be accessed http://127.0.0.1:5000/charts displays the word clouds and the bar charts.
  - The images of the charts and word clouds are stored in the "Static" folder.
  - The tables are rendered from the data frame generated in the python script. For download, the data is downloaded from the tables stored in the working memory of the python session.

Tableau:
- Make sure to attach the csv file present in the tableau folder to view the charts. The csv file downloaded is the one from the "Improvements" section of the project objectives.