

Visualization Tool Instructions – Group 27

The visualization tool has been uploaded to the Heroku web-hosting service. The tool can be opened through this [link](#) (the initial loading of the page may take a minute).

To run the visualization tool locally, make sure you read the following information:

1. Make sure that the following python packages are installed:
 - a. Dash_bootstrap_components
 - b. Dash_core_components
 - c. Dash_html_components
 - d. Plotly
 - e. Numpy
 - f. Pandas
 - g. Matplotlib
 - h. Seaborn

2. The zip file contains the following content:
 - a. apps folder, containing html code for the different page designs
 - b. assets folder, containing css code to style certain html elements
 - c. app.py, python file to initialize the Dash application
 - d. callbacks.py, python file containing pre-processing, plotting functions and callback code.
 - e. data.csv/dataset.xlsx, contains the medical dataset
 - f. index.py, main python file to run the application
 - g. requirements.txt / settings.py, files used for Heroku web-hosting

3. How to run the application locally:
 - a. Extract the zip file in the preferred folder in your system.
 - b. Copy the path name of this folder.
 - c. Open anaconda prompt and set current working directory to the path name of the unzipped folder.
 - d. In anaconda prompt, enter “python index.py”.
 - e. The application should now be running on your local system (after a couple of seconds).
 - f. To view the tool, open your preferred web browser.
 - g. In the address bar, enter: “127.0.0.1:8050”
 - h. The tool should now be visible in your web browser.