

SETUP INSTRUCTIONS

1. Clone the [github](#) repository or unzip the provided zip file.
2. You should be able to see the following files:
 - upset_plot.ipynb
 - application.py
 - circular_packing.ipynb
 - data_preprocessing.ipynb
 - tool_walkthrough.ppt
 - ATUS_withCombinedTelephonecalls_and_incomelevelper annum.csv
 - images
3. Steps to run files

I) upset_plot.ipynb

1. Go to Google Colab at <https://colab.research.google.com/>
2. Click on the 'Upload' button in the top left corner of the page, just under the 'Google Colab' logo.
3. Upload the file named "UpsetPlot.ipynb".
4. Run the colab sheet by clicking the play button present on the left of each code cell.

II) application.py

1. Open a terminal or command prompt window.
2. Make sure you have the latest version of pip installed by running the following command:
pip install --upgrade pip
3. Install the Dash and Plotly libraries by running the following command:
pip install dash plotly
4. To run the dash application, change your working directory in the command line to the path where dataviz.py is present.
5. Place the image files in the same directory as application.py.
6. Run the following command:
7. *Python3 dataviz.py*
8. Go to any web browser and type the following address:
http://127.0.0.1:8050/
9. You should be able to see the default page of our dash application.

III) circular_packing.ipynb

1. Go to Google Colab at <https://colab.research.google.com/>
2. Click on the 'Upload' button in the top left corner of the page, just under the 'Google Colab' logo.
3. Upload the file named “circular_packing.ipynb”.
4. Run the colab sheet by clicking the play button present on the left of each code cell.

IV) data_preprocessing.ipynb

1. Similar steps as above have to be followed to run.