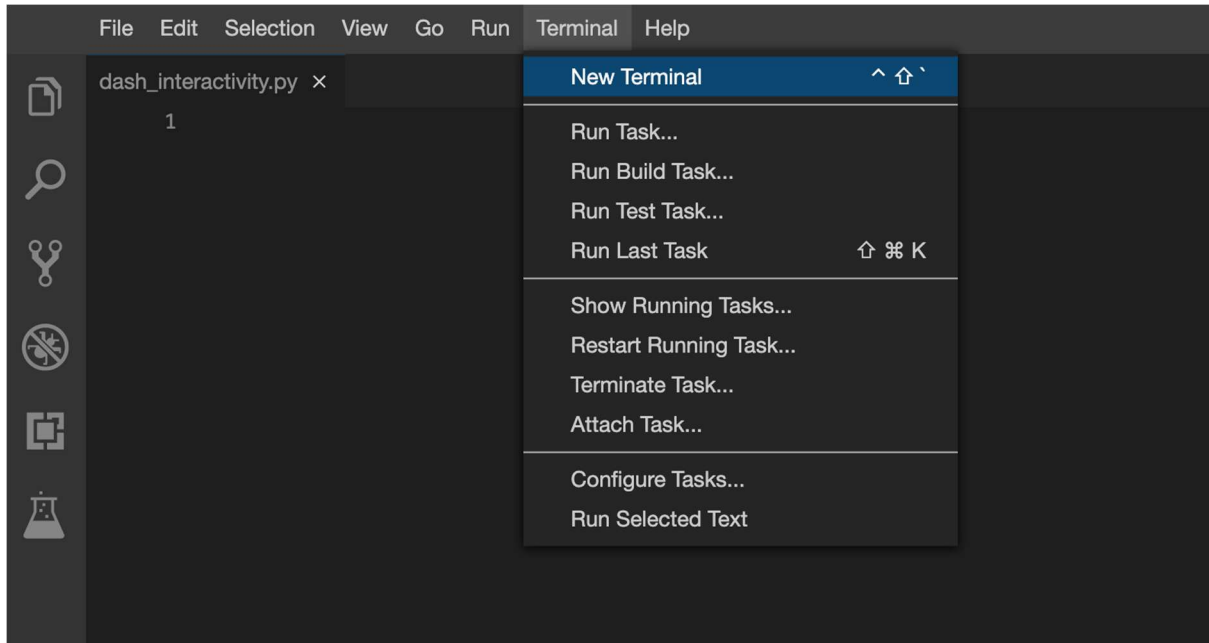


Setup development environment

Install required Python packages

- Open a new terminal, by clicking on the menu bar and selecting **Terminal->New Terminal**, as in the image below.



1. Select Git Bash on Visual Studio Code Terminal
2. Install python packages required to run the application.
Copy and paste the below command to the Git Bash terminal: -
`python -m pip install pandas dash`

Download a skeleton dashboard application and dataset

First, let's get the SpaceX Launch dataset for this lab:

1. Run the following curl command line in the terminal to download dataset as `spacex_launch_dash.csv`: -
`curl -o spacex_launch_dash.csv "https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBM-DS0321EN-SkillsNetwork/datasets/spacex_launch_dash.csv"`
2. Download a skeleton Dash app to be completed in this lab: -
`curl -o spacex-dash-app.py "https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/t4-Vy4iOU19i8y6E3Px_ww/spacex-dash-app.py"`
3. Test the skeleton app by running the following command in the terminal: -
`python spacex-dash-app.py`

Observe the port number (8050) shown in the terminal.

```
rahma@LAPTOP-0G7HKV2 MINGW64 ~/Desktop/Applied_Data_Science/Applied-Data-Science/Interactive_Dashboard/Ploty_Dash (main)
$ python spacex-dash-app.py
Dash is running on http://127.0.0.1:8050/

* Serving Flask app 'spacex-dash-app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:8050
Press CTRL+C to quit
```

Now view your app on the browser with the link as shown in the Terminal:

<http://127.0.0.1:8050/>

