Technical Exercise

You must have used Github for sharing your code or looked at repository of other Github users. Here's your chance to perform data mining on Github.

Using Python and Github developer APIs, fetch below mentioned statistics and represent them graphically on web UI. Take up any Github organisation like facebook, and plot the following statistics:

1. Organisation:
   a. No of repositories added by an organisation on Github
   b. No of members in the organisation
2. Repository
   - No of commits done to a repository
   - No of forks of a repository
3. Members:
   - Get the profile details for any of the users
   - Find the no of followers for this user

Solution Hints:

Use Github's Python SDK for this exercise.
https://github.com/PyGithub/PyGithub

Github API Documentation:
https://developer.github.com/v3/