

# GitStats

March 4, 2023

```
[1]: !pip uninstall -y gitstats
!pip install --no-cache-dir https://github.com/brandongk-ubco/gitstats/releases/
↳download/v1.1.0/gitstats-1.1.0-py3-none-any.whl
```

WARNING: Skipping gitstats as it is not installed.

Collecting gitstats==1.1.0

Downloading https://github.com/brandongk-ubco/gitstats/releases/download/v1.1.0/gitstats-1.1.0-py3-none-any.whl (25 kB)  
Requirement already satisfied: Jinja2 in /opt/conda/lib/python3.10/site-packages (from gitstats==1.1.0) (3.1.2)  
Requirement already satisfied: pandas in /opt/conda/lib/python3.10/site-packages (from gitstats==1.1.0) (1.5.2)

Collecting tzdata

Downloading tzdata-2022.7-py2.py3-none-any.whl (340 kB)  
340.1/340.1

kB 6.9 MB/s eta 0:00:00a 0:00:01

Collecting PyGithub

Downloading PyGithub-1.58.0-py3-none-any.whl (312 kB)  
312.4/312.4 kB

56.9 MB/s eta 0:00:00

Requirement already satisfied: MarkupSafe>=2.0 in /opt/conda/lib/python3.10/site-packages (from Jinja2->gitstats==1.1.0) (2.1.1)  
Requirement already satisfied: python-dateutil>=2.8.1 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (2.8.2)  
Requirement already satisfied: pytz>=2020.1 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (2022.7)  
Requirement already satisfied: numpy>=1.21.0 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (1.23.5)  
Requirement already satisfied: pyjwt>=2.4.0 in /opt/conda/lib/python3.10/site-packages (from PyGithub->gitstats==1.1.0) (2.6.0)

Collecting pynacl>=1.4.0

Downloading PyNaCl-1.5.0-cp36-abi3-manylinux\_2\_17\_x86\_64.manylinux2014\_x86\_64.manylinux\_2\_24\_x86\_64.whl (856 kB)  
856.7/856.7 kB

26.5 MB/s eta 0:00:00

Requirement already satisfied: requests>=2.14.0 in /opt/conda/lib/python3.10/site-packages (from PyGithub->gitstats==1.1.0)

(2.28.1)

Collecting deprecated

Downloading Deprecated-1.2.13-py2.py3-none-any.whl (9.6 kB)

Requirement already satisfied: cffi>=1.4.1 in /opt/conda/lib/python3.10/site-packages (from pynacl>=1.4.0->PyGithub->gitstats==1.1.0) (1.15.1)

Requirement already satisfied: six>=1.5 in /opt/conda/lib/python3.10/site-packages (from python-dateutil>=2.8.1->pandas->gitstats==1.1.0) (1.16.0)

Requirement already satisfied: urllib3<1.27,>=1.21.1 in /opt/conda/lib/python3.10/site-packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (1.26.13)

Requirement already satisfied: certifi>=2017.4.17 in /opt/conda/lib/python3.10/site-packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (2022.12.7)

Requirement already satisfied: idna<4,>=2.5 in /opt/conda/lib/python3.10/site-packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (3.4)

Requirement already satisfied: charset-normalizer<3,>=2 in /opt/conda/lib/python3.10/site-packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (2.1.1)

Requirement already satisfied: wrapt<2,>=1.10 in /opt/conda/lib/python3.10/site-packages (from deprecated->PyGithub->gitstats==1.1.0) (1.14.1)

Requirement already satisfied: pycparser in /opt/conda/lib/python3.10/site-packages (from cffi>=1.4.1->pynacl>=1.4.0->PyGithub->gitstats==1.1.0) (2.21)

Installing collected packages: tzdata, deprecated, pynacl, PyGithub, gitstats

Successfully installed PyGithub-1.58.0 deprecated-1.2.13 gitstats-1.1.0 pynacl-1.5.0 tzdata-2022.7

```
[2]: import gitstats
      print(gitstats.__version__)
```

1.1.0

```
[8]: import gitstats
      from datetime import datetime
      import warnings
      warnings.filterwarnings('ignore')

      access_token = "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"
      repository = "499CSpeaking/SpeakingPortal"
      group_name = "Speaking Project C"

      excluded_users = [""]

      start = datetime.fromisoformat('2023-02-18T00:01')
      end = datetime.fromisoformat('2023-03-03T23:58')

      stats = gitstats.report(access_token,
                              group_name,
```

```

        repository,
        start=start,
        end=end,
        excluded_users=excluded_users)

print(stats)

```

Group Name: Speaking Project C  
Period: 2023-02-18 08:01:00 to 2023-03-04 07:58:00

=====  
Individual Contributions  
=====

	user	commits	changes	comments	contributed
0	Colin P	5	3019	4	4
1	Harshal609	3	1449	7	7
2	jtyrmn	6	1536	4	3
3	ortap	5	362	4	5

=====  
Individual Effort  
=====

	user	commits	changes	comments	contributed	effort
0	Colin P	106.25	125.00	100.00	100.00	107.08
1	Harshal609	75.00	125.00	118.75	118.75	105.42
2	jtyrmn	112.50	125.00	100.00	75.00	100.83
3	ortap	106.25	120.25	100.00	106.25	108.22

=====  
Issues Closed  
=====

	label	completed
0	chore	2
1	task	7

=====  
Issues Ignored Because of Improper Labelling  
=====

None

Team Score: 1

=====  
Scores  
=====

	user	score
0	Colin P	107.08
1	Harshal609	105.42

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2      jtyrmn  100.83
3      ortap   108.22
```

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[ ]:
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[ ]:
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