| keyword | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|---|
| agate | 0 | 3 | 2 | 0 | 0 |
| ai2html | 0 | 0 | 1 | 0 | 1 |
| ajax | 1 | 1 | 0 | 0 | 0 |
| altair | 0 | 0 | 0 | 0 | 1 |
| angular | 0 | 0 | 0 | 1 | 0 |
| arcgis | 2 | 2 | 1 | 1 | 2 |
| arduino | 1 | 1 | 0 | 0 | 0 |
| asp | 1 | 1 | 0 | 0 | 0 |
| bayesdb | 0 | 0 | 0 | 1 | 0 |
| blockchain | 0 | 0 | 0 | 0 | 1 |
| bootstrap | 1 | 0 | 0 | 0 | 0 |
| bot | 1 | 4 | 3 | 2 | 1 |
| bower | 1 | 1 | 3 | 1 | 0 |
| carto | 1 | 0 | 1 | 1 | 0 |
| cartodb | 2 | 1 | 1 | 0 | 0 |
| cartojs | 1 | 0 | 0 | 0 | 0 |
| chartbuilder | 0 | 0 | 1 | 0 | 0 |
| cometdocs | 0 | 0 | 0 | 0 | 1 |
| cs | 8 | 4 | 2 | 1 | 3 |
| csvkit | 1 | 4 | 3 | 2 | 1 |
| cypher | 0 | 1 | 1 | 1 | 1 |
| d3 | 3 | 3 | 6 | 6 | 7 |
| database | 32 | 28 | 20 | 32 | 42 |
| datakit | 0 | 0 | 0 | 1 | 0 |
| datasette | 0 | 0 | 0 | 0 | 1 |
| datawrapper | 0 | 0 | 1 | 0 | 1 |
| dexter | 0 | 0 | 0 | 1 | 0 |
| django | 4 | 4 | 3 | 1 | 1 |
| documentcloud | 2 | 2 | 0 | 2 | 1 |
| dplyr | 1 | 0 | 0 | 3 | 2 |
| dygraphs | 1 | 0 | 0 | 0 | 0 |
| excel | 24 | 25 | 16 | 27 | 30 |
| fabric | 1 | 1 | 1 | 1 | 0 |
| flask | 0 | 1 | 0 | 0 | 0 |
| flourish | 0 | 0 | 1 | 0 | 1 |
| fusion | 3 | 2 | 2 | 1 | 0 |
| geomancer | 1 | 0 | 0 | 0 | 0 |
| geopandas | 0 | 0 | 0 | 0 | 1 |
| gephi | 1 | 1 | 0 | 0 | 0 |
| ggplot2 | 0 | 0 | 0 | 3 | 4 |
| git | 6 | 4 | 4 | 1 | 0 |
| github | 8 | 6 | 5 | 3 | 5 |
| grel | 0 | 0 | 0 | 0 | 1 |
| grunt | 1 | 1 | 2 | 1 | 0 |
| gspan | 0 | 0 | 0 | 0 | 1 |
| html | 10 | 6 | 4 | 6 | 7 |
| htmlwidgets | 0 | 0 | 1 | 0 | 0 |
| ipython | 2 | 3 | 0 | 0 | 0 |
| javascript | 14 | 9 | 9 | 10 | 16 |
| jekyll | 1 | 0 | 0 | 0 | 0 |
| jquery | 2 | 1 | 0 | 1 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| jupyter | 0 | 4 | 4 | 3 | 3 |
| leaflet | 2 | 1 | 1 | 1 | 1 |
| mapbox | 2 | 0 | 1 | 2 | 1 |
| markdown | 2 | 1 | 1 | 0 | 0 |
| matplotlib | 0 | 2 | 2 | 2 | 3 |
| mysql | 5 | 4 | 4 | 5 | 4 |
| neo4j | 0 | 1 | 1 | 1 | 1 |
| node | 2 | 5 | 2 | 2 | 1 |
| npm | 1 | 3 | 1 | 1 | 0 |
| numpy | 0 | 2 | 1 | 0 | 0 |
| ocr | 0 | 1 | 5 | 1 | 1 |
| odyssey | 1 | 0 | 0 | 0 | 0 |
| openrefine | 3 | 3 | 1 | 1 | 2 |
| panda | 5 | 4 | 6 | 6 | 7 |
| pdb | 0 | 1 | 0 | 0 | 0 |
| pdfplumber | 0 | 0 | 0 | 0 | 1 |
| pgadmin | 1 | 0 | 0 | 0 | 1 |
| php | 0 | 0 | 1 | 1 | 0 |
| pip | 0 | 0 | 1 | 0 | 0 |
| pivot | 0 | 2 | 2 | 4 | 7 |
| plotly | 1 | 0 | 0 | 0 | 0 |
| postgis | 2 | 1 | 1 | 2 | 2 |
| postgres | 1 | 0 | 0 | 0 | 0 |
| postgresql | 2 | 1 | 3 | 2 | 1 |
| pspp | 0 | 6 | 2 | 4 | 3 |
| psql | 0 | 0 | 0 | 0 | 1 |
| purr | 0 | 0 | 0 | 1 | 1 |
| pyenv | 0 | 0 | 0 | 1 | 0 |
| python | 21 | 24 | 17 | 16 | 20 |
| qgis | 5 | 4 | 3 | 3 | 4 |
| quantumgis | 1 | 1 | 1 | 1 | 0 |
| r | 12 | 10 | 13 | 16 | 22 |
| rail | 3 | 2 | 1 | 1 | 0 |
| rake | 1 | 1 | 0 | 0 | 0 |
| rbenv | 1 | 1 | 1 | 1 | 0 |
| react | 0 | 0 | 0 | 1 | 2 |
| readr | 0 | 0 | 0 | 1 | 1 |
| regex | 2 | 2 | 0 | 0 | 1 |
| rivescript | 0 | 0 | 0 | 1 | 0 |
| rmarkdown | 0 | 0 | 0 | 1 | 1 |
| rstudio | 2 | 0 | 1 | 2 | 4 |
| rtweet | 0 | 0 | 0 | 1 | 0 |
| ruby | 6 | 8 | 2 | 2 | 1 |
| scikit | 1 | 0 | 0 | 0 | 0 |
| seaborn | 0 | 0 | 2 | 0 | 0 |
| socrata2sql | 0 | 0 | 0 | 0 | 1 |
| spatialite | 1 | 0 | 0 | 0 | 0 |
| spreadsheet | 20 | 22 | 14 | 24 | 31 |
| spss | 4 | 6 | 2 | 4 | 3 |
| sql | 15 | 16 | 15 | 13 | 23 |
| sqlite | 3 | 8 | 3 | 6 | 8 |
| svelte | 0 | 0 | 0 | 1 | 0 |

| | | | | | |
|---|---|---|---|---|---|
| tableau | 8 | 6 | 6 | 4 | 6 |
| tabula | 2 | 1 | 1 | 1 | 1 |
| tesseract | 0 | 0 | 2 | 0 | 0 |
| tibble | 0 | 0 | 0 | 1 | 1 |
| tidyr | 0 | 0 | 0 | 1 | 1 |
| tidytext | 0 | 0 | 0 | 0 | 1 |
| tidyverse | 0 | 0 | 1 | 5 | 6 |
| tilemill | 1 | 0 | 0 | 0 | 0 |
| topojson | 0 | 0 | 0 | 1 | 1 |
| twine | 1 | 0 | 0 | 0 | 0 |
| unittest | 0 | 1 | 0 | 0 | 0 |
| virtualbox | 1 | 1 | 1 | 1 | 0 |
| virtualenv | 1 | 1 | 1 | 1 | 0 |
| virtualenvwrapper | 1 | 1 | 1 | 1 | 0 |
| visidata | 0 | 0 | 0 | 1 | 1 |
| vue | 0 | 0 | 0 | 1 | 0 |
| webgl | 0 | 0 | 1 | 0 | 0 |