

OPENING DATA
aus(OPEN DOCUMENTS)
mit(OPEN SOURCE SOFTWARE)

Barnaby Skinner, SonntagsZeitung &
Tages-Anzeiger, [Opendata.ch/2017](https://opendata.ch/)

ÜBERBLICK

1

Ressourcen

2

Beispiele

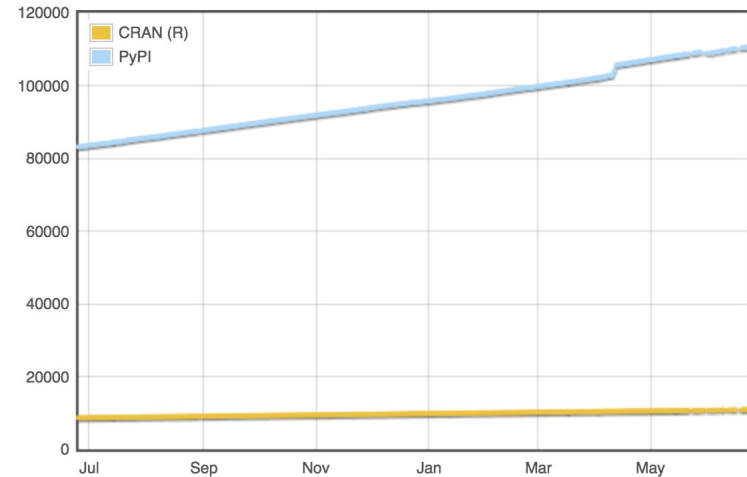
RESSOURCEN

1. Gericht: Bezirks- und Kantonsgerichte. Bundesgericht, Bundesverwaltungsgericht oder Bundesstraengericht. Oder der europäische Gerichtshof in Strasbourg.
2. Wirtschaftliches: Amtsblätter des Bundes oder der Kantone, z.B. Zürich. Oder das Handesregister, und die kantonalen Register, z.B. Luzern.
3. Politisches: Amtliches Bulletin National- und Ständerat oder die Kantonsratprotokolle, sogar Gemeinde.

R ODER PYTHON?

1. R oder Python? Von letzterem gibt es mehr Open Source Modules. Aber R schneidet gerade für Data Science oft besser ab.

Module Counts



www.modulecounts.com

PYTHON LIBRARIES UND MODULES

2. Die wichtigsten
Libraries und Module
für Data Science mit
Python?

Requests – für URL-Auslese

BeautifulSoup – HTML-Analyse

Selenium – Datenbanken und
Formulare scrapen

NumPy – Kalkulationen

pandas – Datenanalyse

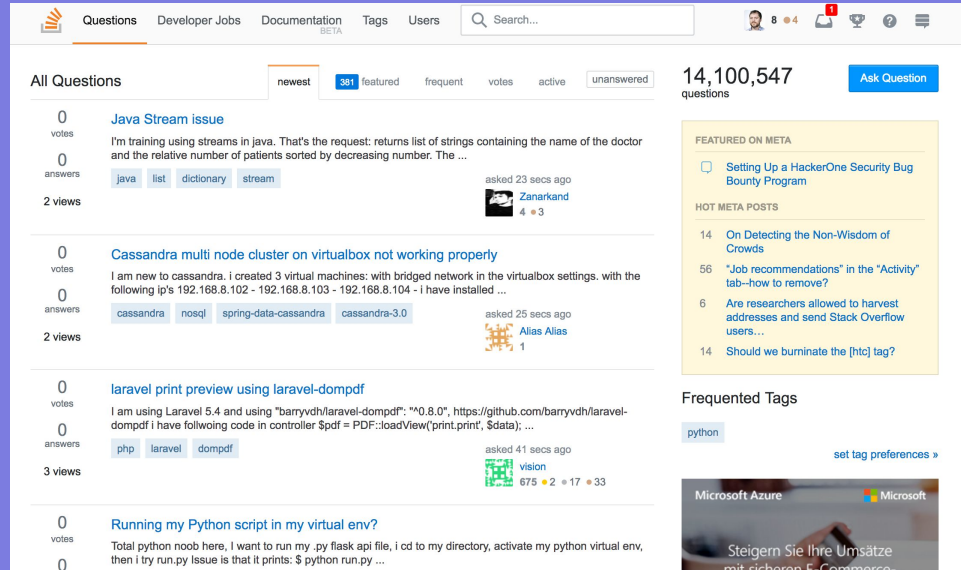
matplotlib – Visualisierungen

scikit-learn – Machine-Learning
und Predictions

Jupyter Notebook –
Arbeitsoberfläche

TWITTER FÜR PROGRAMMIERER

3. Stackoverflow und Code Review: Das Twitter für Programmierer.



The screenshot displays the Stack Overflow homepage. At the top, there are navigation links for Questions, Developer Jobs, Documentation, Tags, and Users, along with a search bar. The main content area is titled "All Questions" and shows a list of questions. The first question is "Java Stream issue" with 0 votes, 0 answers, and 2 views. The second question is "Cassandra multi node cluster on virtualbox not working properly" with 0 votes, 0 answers, and 2 views. The third question is "laravel print preview using laravel-dompdf" with 0 votes, 0 answers, and 3 views. The fourth question is "Running my Python script in my virtual env?" with 0 votes and 0 answers. On the right side, there is a sidebar with a "14,100,547 questions" counter, an "Ask Question" button, and sections for "FEATURED ON META" and "HOT META POSTS".

Questions Developer Jobs Documentation Tags Users Search...

All Questions newest 381 featured frequent votes active unanswered

0 votes
0 answers
2 views
Java Stream issue
I'm training using streams in java. That's the request: returns list of strings containing the name of the doctor and the relative number of patients sorted by decreasing number. The ...
java list dictionary stream
asked 23 secs ago
Zanarkand 4 • 3

0 votes
0 answers
2 views
Cassandra multi node cluster on virtualbox not working properly
I am new to cassandra. i created 3 virtual machines: with bridged network in the virtualbox settings. with the following ip's 192.168.8.102 - 192.168.8.103 - 192.168.8.104 - i have installed ...
cassandra nosql spring-data-cassandra cassandra-3.0
asked 25 secs ago
Alias Alias 1

0 votes
0 answers
3 views
laravel print preview using laravel-dompdf
I am using Laravel 5.4 and using "barryvdh/laravel-dompdf": "~0.8.0", https://github.com/barryvdh/laravel-dompdf i have folwoing code in controller \$pdf = PDF::loadView('print.print', \$data); ...
php laravel dompdf
asked 41 secs ago
vision 675 • 2 • 17 • 33

0 votes
0 answers
Running my Python script in my virtual env?
Total python noob here, i want to run my .py flask api file, i cd to my directory, activate my python virtual env, then i try run.py issue is that it prints: \$ python run.py ...

14,100,547 questions Ask Question

FEATURED ON META
☐ Setting Up a HackerOne Security Bug Bounty Program

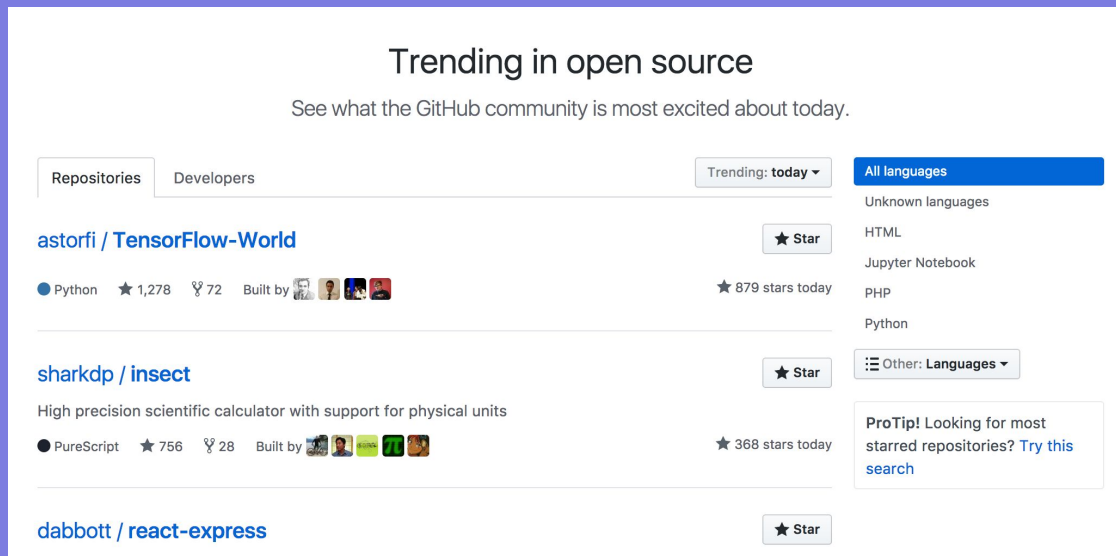
HOT META POSTS
14 On Detecting the Non-Wisdom of Crowds
56 "Job recommendations" in the "Activity" tab-how to remove?
6 Are researchers allowed to harvest addresses and send Stack Overflow users...
14 Should we burninate the [htc] tag?

Frequented Tags
python set tag preferences »

Microsoft Azure
Steigern Sie Ihre Umsätze mit sicheren E-Commerce...

FACEBOOK FÜR PROGRAMMIERER

4. Github: Facebook für Programmierer. Trending



The screenshot shows the GitHub Trending page. At the top, it says "Trending in open source" and "See what the GitHub community is most excited about today." Below this, there are tabs for "Repositories" and "Developers", and a dropdown for "Trending: today". On the right, there's a section for "All languages" with a list of languages including Unknown languages, HTML, Jupyter Notebook, PHP, and Python. A "ProTip!" box suggests looking for most starred repositories with a link to "Try this search". The main list of repositories includes:

- astorfi / TensorFlow-World**: Python, 1,278 stars, 72 forks, built by 4 people. 879 stars today.
- sharkdp / insect**: PureScript, 756 stars, 28 forks, built by 4 people. 368 stars today.
- dabbott / react-express**: 1 star.

BEISPIEL 1

TALKINGHEADS

Wie lange redeten die Bundesräte und das Parlament in der laufenden Legislatur?

-> Gute API - leider ohne unsere Information

-> Quelle: diese sind hier

-> Code: [Link -> TALKINGHEADS.ipynb]

REDEZEITEN DER BUNDESRÄTE

Leuthard Doris	379
Sommaruga Simonetta	336
Maurer Ueli	274
Berset Alain	256
Schneider-Ammann Johann N.	224
Burkhalter Didier	129
Parmelin Guy	108
Widmer-Schlumpf Eveline	27



REDEZEITEN IM STÖCKLI

Comte Raphaël	587
Bischofberger Ivo	539
Fetz Anita	52
Schmid Martin	51
Keller-Sutter Karin	49
Français Olivier	48
Graber Konrad	47
Levrat Christian	43
Maury Pasquier Liliane	40
Stöckli Hans	39
Germann Hannes	38
Häberli-Koller Brigitte	38



REDEZEITEN IM NATIONALRAT

Stahl Jürg	435
Markwalder Christa	422
de Buman Dominique	125
Carobbio Guscetti Marina	58
Leutenegger Oberholzer Susanne	56
Glättli Balthasar	42
Kiener Nellen Margret	28
Mazzone Lisa	27
Heim Bea	27
Graf Maya	27
Regazzi Fabio	26
Addor Jean-Luc	25



BEISPIEL 2

ASYL- BESCHWERDEFÜHR

Welche Ausländer haben
welche Gutheissungsquote
vor dem
Bundesverwaltungsgericht?

-> Quelle:

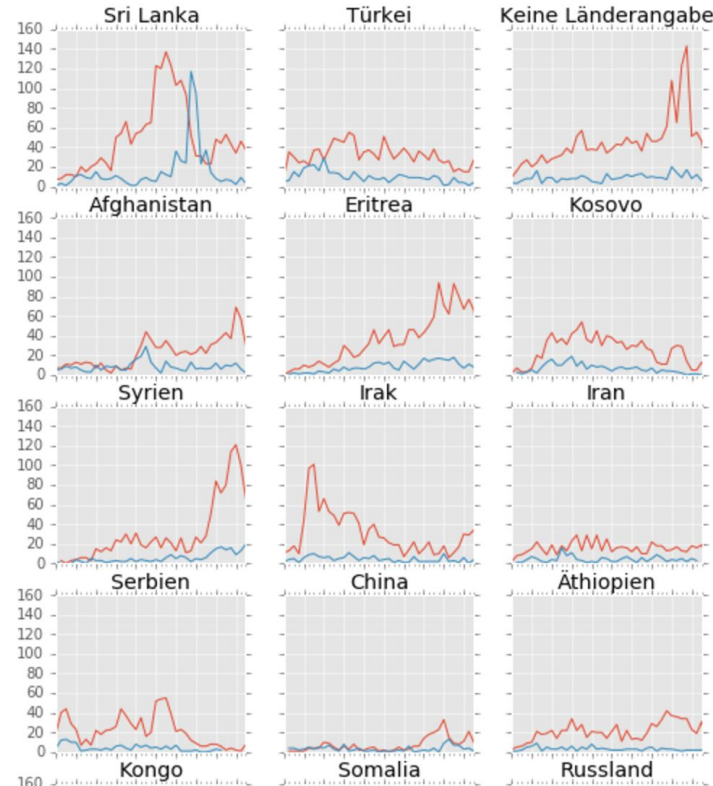
[Entscheidungsdatenbank](#)

-> Code:

[Link ->

BESCHWERDEFUEHER.ipynb]

ASYL-BESCHWERDEFÜHRER AM BUNDESVERWALTUNGSGERICHT



MERCI!

@barjack