



THE HUMAN FACE OF BIG DATA

Organization and Scalability of Manual Testing for Big Data Applications

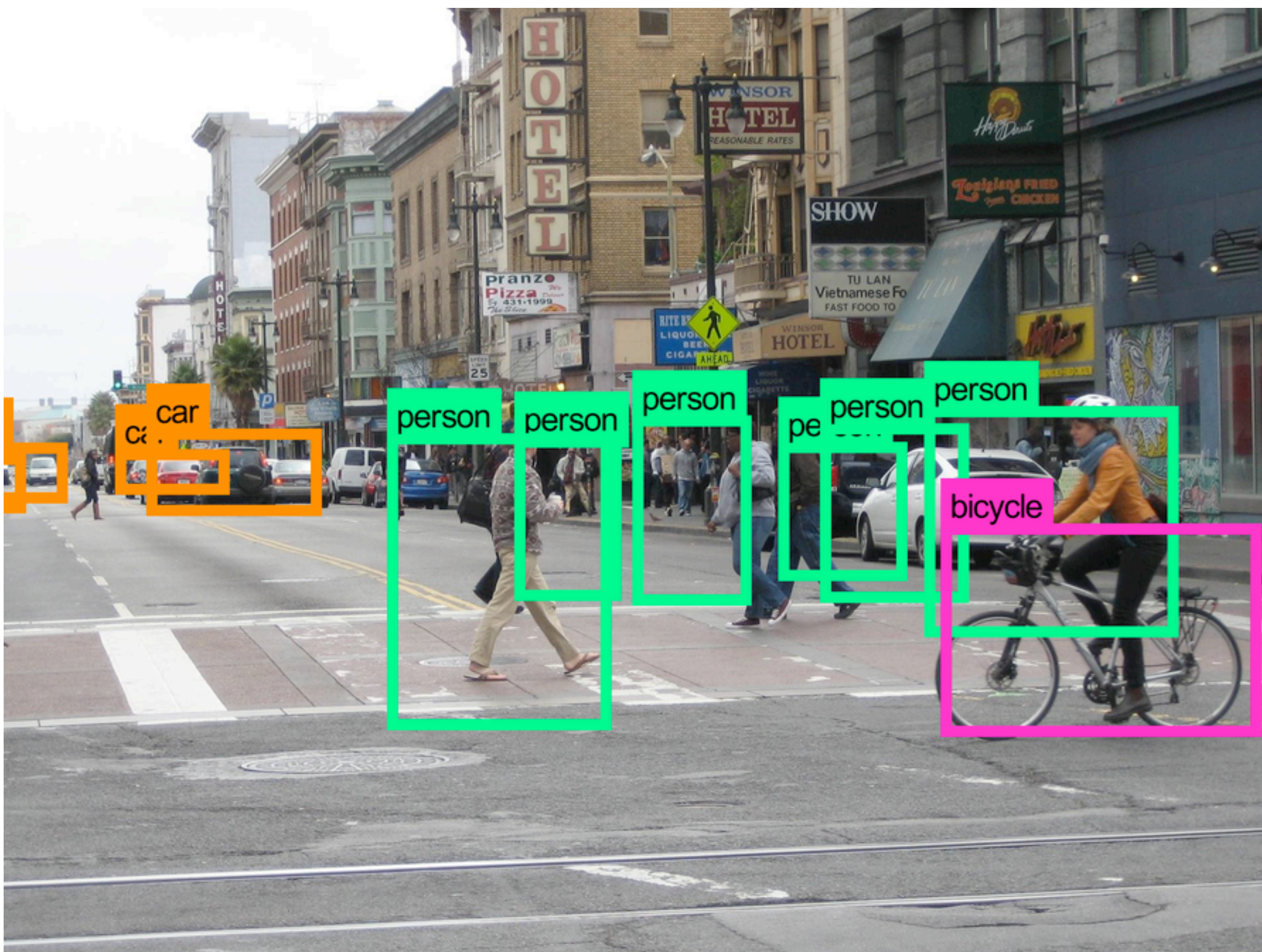
Dr. Humera Noor Minhas
humera@cliqz.com

November 2018 Meetup



Big Data - Prevalent Mindset

Human Intellect



car
ca

person
person

person

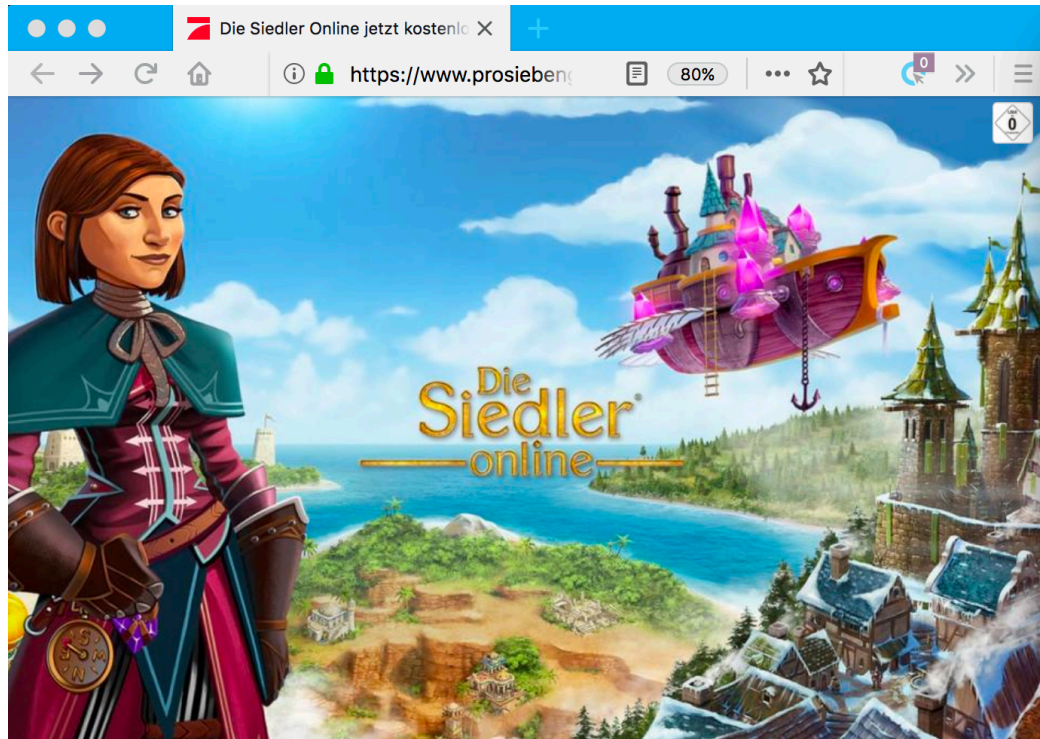
pe
person

person
bicycle



https://www.prosiebengames.de/
die-siedler-online

https://www.browsergames.de/di
e-siedler-online



DIE SIEDLER ONLINE

- Spiele den Aufbastrategie-Klassiker im Browser!
- Du errichstest und erweiterst eine Inselfiedlung
- Unterschiedliche Events bringen Schwung ins Leben der Siedler
- Verbünde dich mit anderen Spielern und betreibe Handel!

Redaktions-Wertung



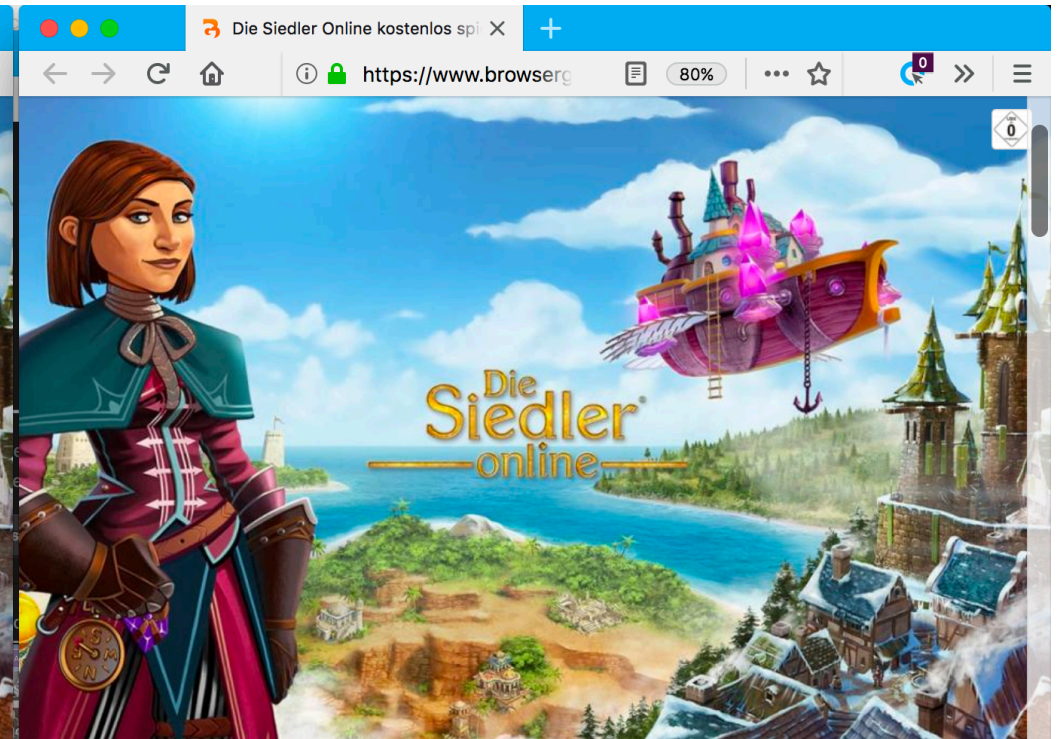
User-Wertung



Jetzt kostenlos spielen!

HOME / GAMES / STRATEGIE / ECHTZEITSTRATEGIE / DIE SIEDLER ONLINE

Overview



DIE SIEDLER ONLINE

- Der Klassiker für den Browser
- Gründe ein Königreich und Sorge dich um deine Untertanen
- Handel mit anderen Spielern und Gildenfeature
- Spannende saisonale Quest und Events
- Vielschichtige Wirtschaftskreisläufe und Abenteuer

Redaktions-Wertung



User-Wertung



Jetzt kostenlos spielen!

HOME / GAMES / STRATEGIE / ECHTZEITSTRATEGIE / DIE SIEDLER ONLINE

Overview

Der größte Deal in der Geschichte von "Die Höhle der Löwen", in nur 7 Tagen reich werden! (Ganz im Ernst)



Diese beiden Ex-Kommilitonen haben Bitcoin Revolution gegründet, eine einfach zu bedienende Bitcoin-Trading-Plattform..

Beim Pilot der VOX Unterhaltungsshow "Die Höhle der Löwen", sind zwei Ex-Kommilitonen mit ihrer Idee einer automatisierten Bitcoin-Trading-Plattform "Bitcoin Revolution" an den Start gegangen. Die Idee ist einfach: Erlaube dem Durchschnittsbürger am Bitcoin-Boom teil zu haben - auch wenn kein Geld für eine Investition oder kein Knowhow vorhanden ist.

Ein Benutzer muss lediglich eine kleine Investition von €250 tätigen um den vollautomatisierten Prozess in Gang zu bringen. Ein von den beiden Freunden

Leser Resultate

PROFIT: €5.552



"Ich benutze **Bitcoin Revolution** nun schon 2 Wochen, und habe meine anfängliche Einzahlung von €250 auf €5.802 gesteigert. Das ist viel mehr, als ich bei der Arbeit verdiene."

Mario Maurer
85619 Feldkirchen

PROFIT: €9.200



"Ich habe bereits €9.200 innerhalb eines Monats mit **Bitcoin Revolution** verdient. Glücklicherweise kann ich es auch beim Reisen durch Australien auf meinem Laptop nutzen."

Dominik Papst
74074 Heilbronn Sontheim

PROFIT: €22.219





in

fakty.interia.pl

Antoni Macierewicz i podkomisja smoleńska
zmienili siedzibę - Były minister obrony Antoni
Macierewicz i tzw. komisja smoleńska opuścili
budynek MON przy ul.

[Read more](#)



Quality Analysts

The Rating / Assessment Team

Quality Team

The Humans

Essentially Engineers

The Italians

People watching Porn

The QA guys

Projects





zeit.de

US Justice Minister: A threat to Russia's investigations

faz.net

Press conference after scandal: Trump has CNN reporters locked out after dispute

zeit.de

State parliamentary elections: SPD could still overtake the Greens in Hessen

GHOSTERY

Einfache Ansicht | Detailansicht | Anmelden

14

www.dunelondon.com

Blockierte Tracker: 13
Laden der Seite 5.05 Sek.

Tracker entsperren

Tracker blockieren

Pause

Diese Tracker zuordnen

TRACKER

Alle blockieren

Alle ausblenden

- Essenziell 1 TRACKER
- Google Tag Manager
- Kundeninteraktion 1 TRACKER 1 BLOCKIERT
- dotMailer
- Social Media 1 TRACKER 1 BLOCKIERT
- Facebook-Connect
- Website-Analytics 1 TRACKER 1 BLOCKIERT

Listensicht

WHOTRACKS ME

Search website or tracker

Home > Trackers > Google Analytics

GOOGLE ANALYTICS

Owned by Google

<http://www.google.com/analytics/>

TRACKER REACH

45.0% of web traffic is tracked by Google Analytics

70.4% of sites use the Google Analytics tracker

Data from May 2017 to September 2018.

MyOffrz

TOP ANGEBOT EXKLUSIV

Valentins Freude schenken

22% Rabatt

auf Blumen & liebevolle Geschenkideen für jeden Anlass

Liebevoll handgebundene Blumensträuße mit 7-Tage-Frischegarantie

Verfügbar für 53 Tagen

HIER SPAREN

200€ Gutschein und 50% ...

10€ Gutschein bei computeruniverse

10€ Gutschein bei computeruniverse

10% Rabatt

ANZEIGE

Cliqz Search

Cliqz Tab x +

← → ↻ 🏠 🔍 Anonym suchen

🔍 Anonym suchen

Meistbesuchte Seiten

- Inbox (1,243) - ...
- LinkedIn
- Administrator D...
- cliqz/university:...
- Google
- Feedback - Edu...

Favoriten

- Jenkins-US-east
- Handbook
- Fotos
- OnboardingChe...
- UniversityEmails
- UniversityFolder

Cookies blocked
🛡️ **57,770**
cookies have been blocked in total by Cliqz

Data points anonymized
🎯 **919**
your private data has been anonymized by Cliqz

Ads Requests Blocked
🚫 **3,924**
ads have been blocked in total by Cliqz

📰 **spiegel.de**
Midterm Elections USA: Everything you need to know about Midterm Elections

📰 **SZ sueddeutsche.de**
Bavarian Parliament - Söder re-elected Minister President

📰 **tagesschau.de**
In the opinion of the European Court of Justice: What is important for the holiday entitlement?

Cliqz Search

Cliqz Tab x +

← → ↻ 🏠 🔍 fa →

🔍 fa — Mit Google suchen

- f** **Facebook** — de-de.facebook.com
Facebook ist ein soziales Netzwerk, das Menschen mit ihren Freunden, Arbeitskolle...
- 📰** **Aktuelle Nachrichten online** — faz.net/aktuell
News, Nachrichten und aktuelle Meldungen aus allen Ressorts. Politik, Wirtschaft, ...
- W** **FA** — de.wikipedia.org/wiki/FA
FA steht als Abkürzung für:
 - [Chevrolet FA](#)
 - [Fachabitur](#)
 - [Fachabteilung](#)
 - [Fachanwalt](#)

Inbox (1,243) - ... LinkedIn Administrator D... cliqz/university:... Google Feedback - Edu...

Favoriten

Jenkins-US-east Handbook Fotos OnboardingChe... UniversityEmails UniversityFolder

Cookies blocked 🛡️ 57,770 cookies have been blocked in total by Cliqz	Data points anonymized 🎯 919 your private data has been anonymized by Cliqz	Ads Requests Blocked 🚫 3,924 ads have been blocked in total by Cliqz
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welt.de SZ sueddeutsche.de Z zeit.de

Salvini's girlfriend Isoardi announces separation by instagram Defence policy - Macron calls for "true European army" Malformations in newborns: Do pesticides already damage the babies in the ...

youtube.c|



67%

youtube.c — Mit Google suchen



Google - **YouTube** — youtube.com/Google

Experience the world of Google on our official **YouTube** channel. Watch videos ab...



Understand your channel URLs - **YouTube Help** — support.google.com/youtube/a...

Your channel can have multiple URLs that direct your audience to your channel ho...



C Engineer — youtube.com/user/Toweeeen

I am C Engineer.

Search Quality Rating

Vital

Useful

Relevant

Slightly Relevant

Useless / Off-topic

Not found

Adult

Spam

Foreign Language

Duplicate



SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

1 2 3 4


5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30 31

Rating Tool



Assessment Portal

Dashboard Support

Logged in as Test_user Logout

About

Account details

USERNAME: test_user

EMAIL: qa@cliqz.com

USER SINCE: 07-02-2018

LAST SEEN: 09-02-2018 12:19

JOBS PREFERRED: 0

COUNTRY PREFERRED: DE

TEAM: Quality

Edit My Profile

▼ Number of Jobs

► Change Email

► Change Password

Save changes!

Performance details

how you've been doing

ASSESSMENT QUALITY: 0.0

TIME SPENT ON TOOL: 0.0

View Details

Job stats

0	0	0
ASSIGNED	PENDING	COMPLETED

To start a job, install the extension. In case you already have the extension, press CMD+Shift+Y (CTRL+Shift+Y for Windows Users) to open the sidebar rating tool.

Download Rating Tool Extension

Download for Cliqz

Once downloaded and installed, press CMD+Shift+Y (CTRL+Shift+Y for Windows Users) to open the sidebar rating tool.

Download the Guidelines

Download

[About Cliqz](#) | [Legal Info](#) | [Report URL](#)

Cliqz GmbH ©



Rating Tool

Job Details

Action

ID:132

Type:DE-QL

Status:0.0%

Start

ID:133

Type:DE-QL

Status:0.0%

Start

ID:196

Type:DE-QL

Status:15.5555555556%

Resume

ID:220

Type:US-QL

Status:0.0%

Start

Rating Tool

The image shows a screenshot of the Speedtest Rating Tool interface, divided into two main sections: a 'Judgement Panel' on the left and the main 'SPEEDTEST' website on the right. The 'Judgement Panel' is a modal window for rating a specific query. It includes a progress bar for queries, a search query field containing 'speedtest', a 'Foreign language - Skip' button, and three URL input fields. The first URL field contains 'http://www.speedtest.net/'. Below the URLs are sections for 'Spam' (with radio buttons for 'Probably spam', 'Not Spam', and 'Spam'), 'Additional' flags (with checkboxes for 'Porn', 'Escalate', and 'EN'), a 'Mark duplicate of...' dropdown menu, a 'Comment' text area, and a 'Rating' section with radio buttons for 'Vital', 'Useful', 'Relevant', 'Slightly relevant', 'Off-topic / Useless', 'Foreign language', and 'Not found'. At the bottom of the panel are a 'Vital URL' field, 'Cancel' and 'Submit' buttons, and a 'Go to a previously rated query' dropdown menu.

Annotations on the left side of the image point to various elements in the 'Judgement Panel':

- Queries progress display →
- Search query →
- Foreign language button →
- URLs →
- Spam flag →
- Additional flags →
- Comment field →
- Rating →
- Missing Vital →
- Control buttons →
- Go to a previously rated query →

The main website section shows the 'SPEEDTEST' logo, a link to the legacy site, and navigation links for 'Ergebnisverlauf', 'Einstellungen', 'Hilfe', and 'Anmelden'. The central content area features a large yellow circle with the text 'LOS' inside. Below this, there are two server profiles: 'Deutsche Telekom' (91.5.183.83, 5 stars) and 'InterNetX GmbH' (Munich, Server wechseln). The footer contains five columns of links: 'UNTERNEHMEN', 'PRODUKTE', 'KONTO', 'ZIFF DAVIS', and 'OOKLA', each with a list of related links.

Weekly Stats

Vital	43186	12.01	
Useful	128943	35.87	
Relevant	124899	34.74	
Slightly relevant	35845	9.97	
Off-topic / Useless	17224	4.79	
Not found	4296	1.19	
Foreign language	5118	1.42	
Good	297028	82.62	

queriesAssessed (and pinged): 250759
unnecessaryPings (ideally zero): 29364
missingPings (ideally zero): 32804
TotalAssessedQueries 283563
TotalAssessedURLs 1400585
SMURLsWithAssessment 359511
SMURLsWithoutAssessment 798433

URLs returned by SM in 2018WK44 starting with:

https	836438	64.70
http:	456395	35.30

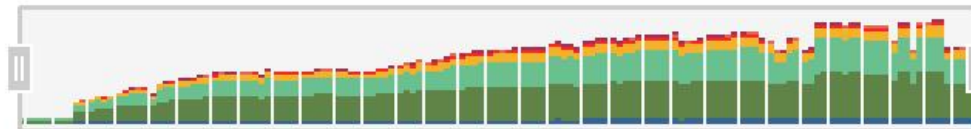
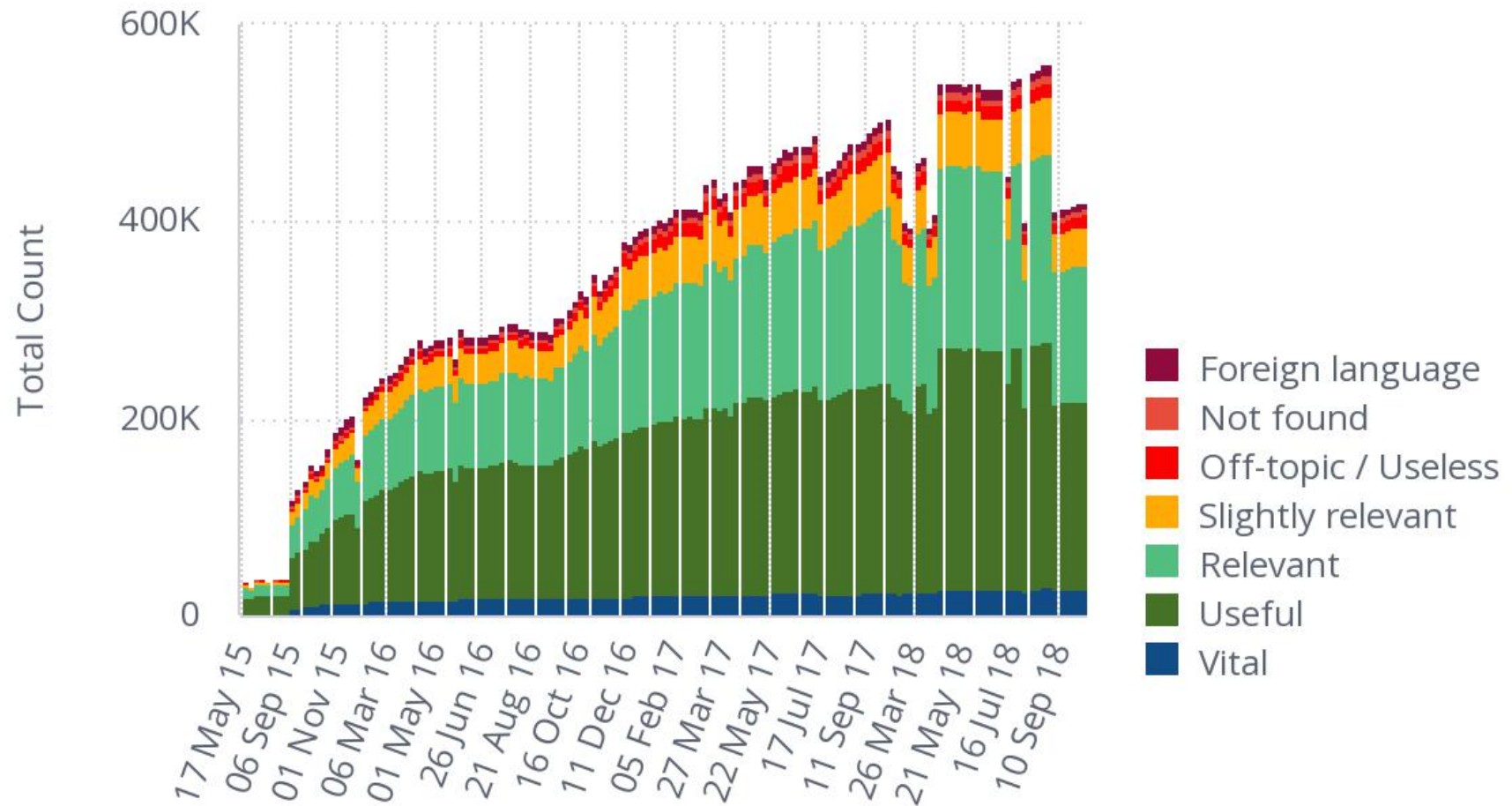
Endpoint pinged: <http://backendpinged/parameters&configurations>

Time to Ping: 51.4734376828 min

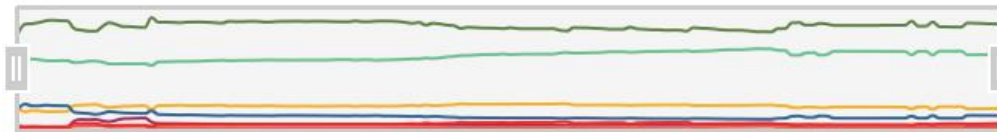
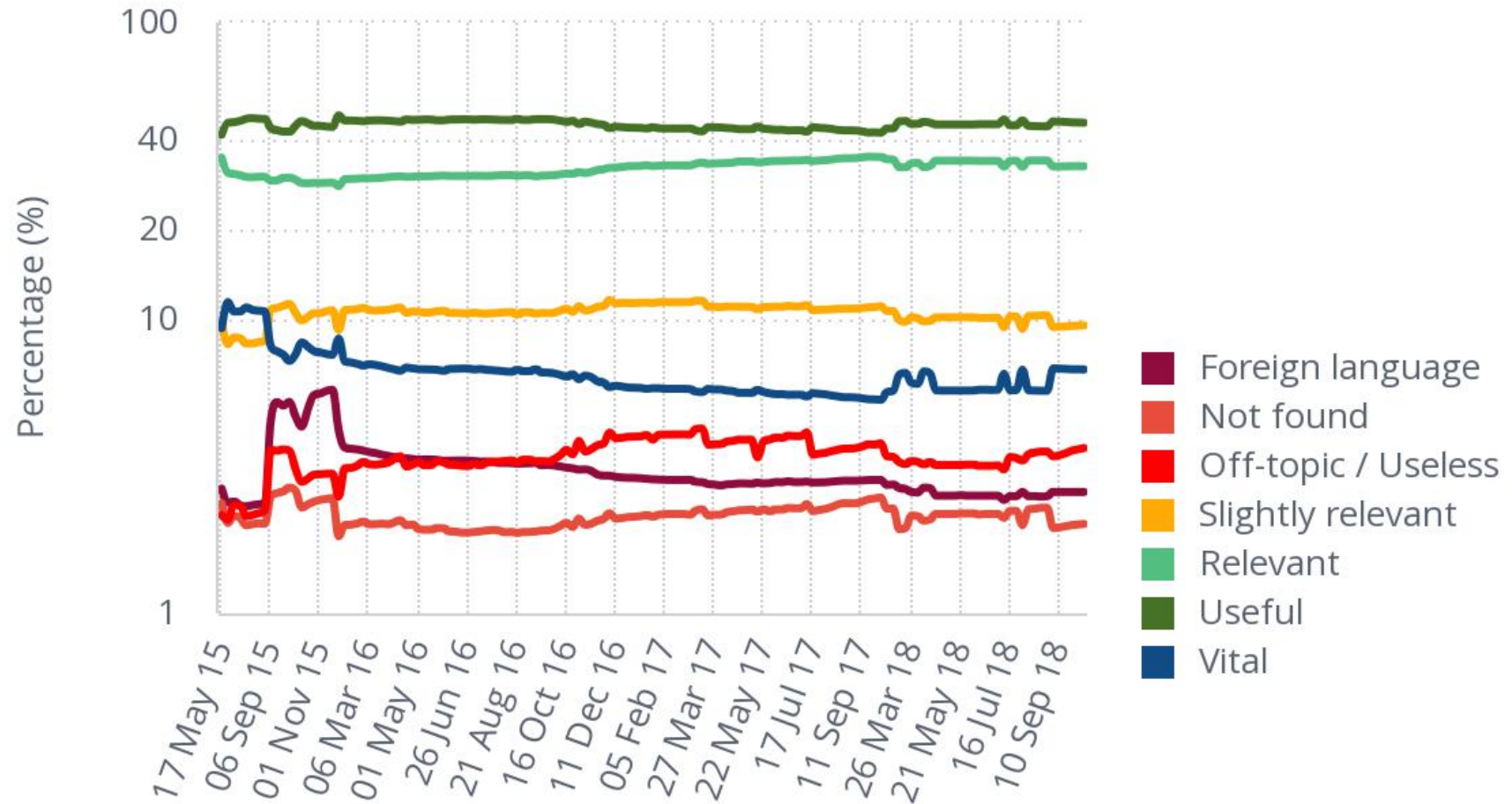
Concurrency: 5

Dates Used: ['till2017wk39', '2018wk1', '2018wk2', '2018wk3', '2018wk4', '2018wk5', '2018wk6', '2018wk7', '2018wk8', '2018wk9', '2018wk10', '2018wk11', '2018wk12', '2018wk13', '2018wk14', '2018wk15', '2018wk16', '2018wk17', '2018wk18', '2018wk19', '2018wk20', '2018wk21', '2018wk22', '2018wk23', '2018wk24', '2018wk25', '2018wk26', '2018wk27', '2018wk28', '2018wk29', '2018wk30', '2018wk31', '2018wk32', '2018wk33', '2018wk34', '2018wk35', '2018wk36', '2018wk37', '2018wk38']

Weekly Stats over Time



Weekly Stats over Time





Cover all frequencies



Full/Partial Queries



Trusting Data We Produce





Training New System

Identify Patterns

Update Filters

Monitor quality over time

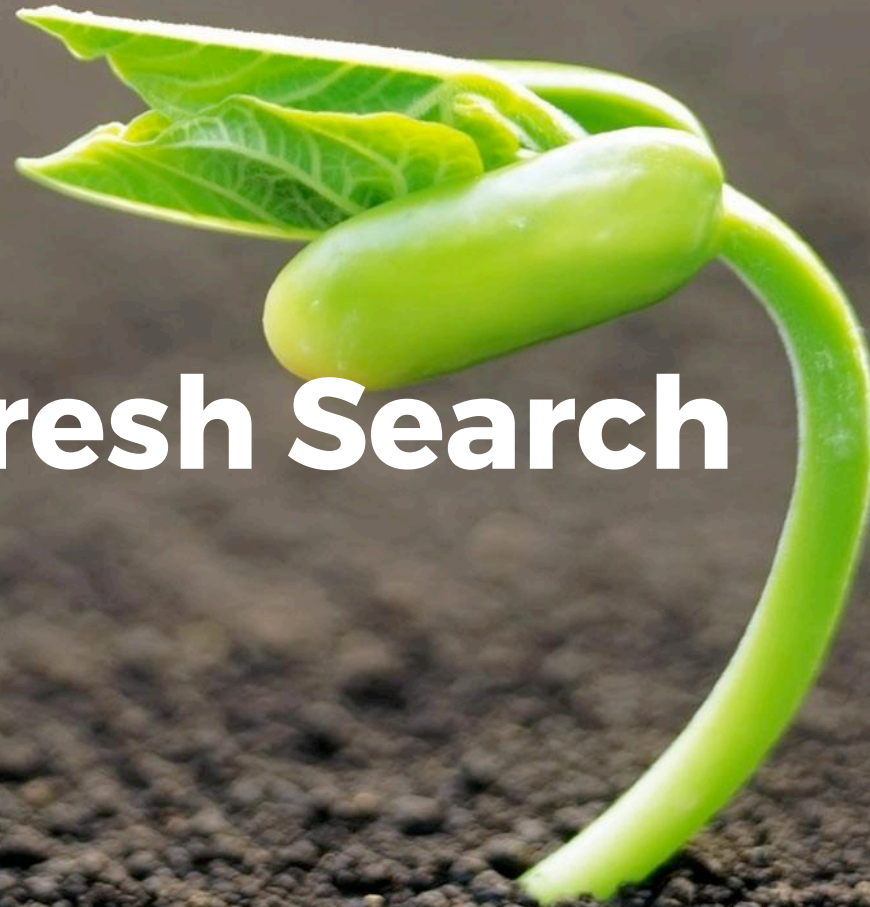
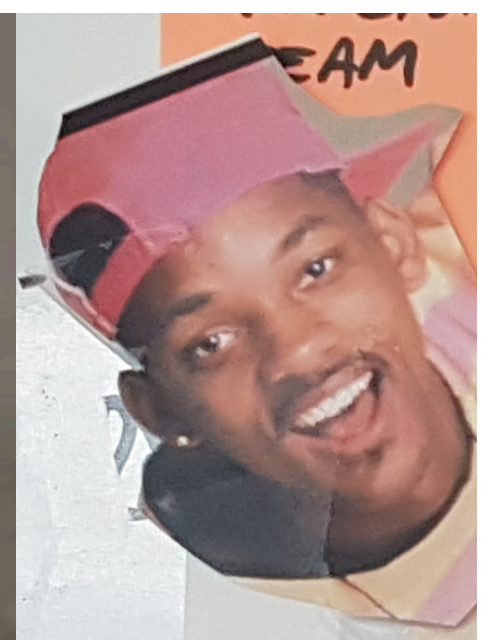
Quality Analysis

A person is silhouetted against a vast, starry night sky. The Milky Way galaxy is visible, stretching across the center of the frame. The person is standing on a small rock or mound in the foreground, looking up at the stars. The sky is filled with numerous stars, and the overall scene is dark and atmospheric.

A blue and black marker is positioned on the right side of the image, pointing towards a checklist. The checklist consists of five square boxes arranged vertically, each containing a blue checkmark. The top four boxes are fully outlined in black, while the fifth box is partially outlined. The text "Pre-Release Assessment" is written in a bold, blue, sans-serif font across the middle of the image, overlapping the checklist and the marker.

Pre-Release Assessment

Fresh Search



A photograph showing a circle of hands of various skin tones (light, medium, and dark brown) reaching towards the center and holding each other. The hands are positioned in a way that suggests a supportive grip or a shared effort. The background is plain white.

Unified Index

Geo-Local



A silhouette of a person pushing a large, round stone up a grassy hill. The scene is set against a dramatic sunset sky with orange and yellow hues. The person is leaning forward, pushing the stone from behind. The stone is the central focus, and the person's effort is emphasized by their posture. The overall mood is one of perseverance and struggle.

Hard Queries

Top-Nachrichten



Mort d'Aboubakar à Nantes : Edouard Philippe condamne les violence...
Le Premier ministre s'est entretenu avec la maire de Nantes. Il a promis que la prés...

VOR EINER STUNDE [leparisien.fr](https://www.leparisien.fr)



Emmanuel Macron et Edouard Philippe "ont raison d'évaluer" l'action ...
POLITIQUE - Le ministre de la Transition écologique et solidaire estime qu'il reste ...

VOR 2 STUNDEN [europe1.fr](https://www.europe1.fr)



Ouf ! Le prélèvement à la source est décalé d'un an pour les particulier...
Le prélèvement de l'impôt à la source sera décalé d'un an pour les salariés des par...





VOR 3 STUNDEN [capital.fr](https://www.capital.fr)

weather mun|

weather mun

Tuen Mun, Hong Kong Sar China

Scale: °C | °F

Today	Tuesday	Wednesday	Thursday	Friday
				
28° 22°	28° 23°	27° 23°	27° 23°	28° 21°

Source: wunderground.com

ADULT

**THE
BLACKLIST**

NOT-FOUND

**THE
BLACKLIST**



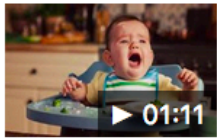
youtube.com ,

youtube.com ,



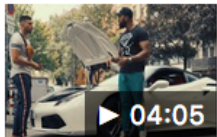
Youtube — [youtube.com](https://www.youtube.com)

Zeige deine Videos deinen Freunden, Familienmitgliedern und der ganzen Welt.



#Nettobabys

1192374 views



ENO Fuchs Ausbildung.

663084 views



Bestrafung: Meini muss die schärfste Chili der Welt essen || „Das sch...

294997 views



www.youtube.com — [youtube.com/results](https://www.youtube.com/results)

<https://www.youtube.com/results>



YouTube.de.com — www.youtube.de.com

<http://www.youtube.de.com/>

apple simple tunnel |

apple simple tunnel — Search with Google



inner-tunnel — opensource.apple.com/source/...

inner-tunnel [plain text] # -*- text -*- #####...

Offers-v Rewards Page not [CI-105] [EX-724] EX: CT.2 [EX-748] Page not about:pe Einstell Cliqz Tab X socks - Cli

что значит

что значит

- kt** **Что значит** смайлик написанный символами — значения обзн... — ktonanovenkogo.ru/voprosy-i-...
Расшифровка того, что значат смайлики написанные обычными текстовыми ...
- mu** **Ð§Ñ,Ð³¼ Ð·Ð½Ð°Ñ#Ð, Ñ, ÑÐ¼Ð¼Ð¼Ð»Ð, Ð°, Ð·Ð½Ð°Ñ#Ð¼Ð½Ð, ...** — mustget.ru/znachenie-smaylik...
Ð¼¼Ð¼Ð¼Ð»Ð, Ð°€" ÑÑ,Ð³¼ Ð½Ð±Ð¼Ñ€ ÑÐ, Ð¼Ð²Ð¼Ð¼Ð¼Ð², Ð»Ð, ...
- th** **Что значит «эщкере»?** — thequestion.ru/questions/303644/chto-znachit-eshkere
«Эщкере» — популярная в рэперской тусовке фраза, которая произошла от английского слова esketit, что на самом деле означает let's get it, то есть «давайте это получи

Membersuche - asien



International

A low-angle shot of a city skyline with several tall glass skyscrapers reaching towards a cloudy sky. In the foreground, a human hand in a dark suit sleeve is shaking hands with a silver and black robotic hand. The text 'A Complementary Solution' is overlaid in white, bold font across the center of the image.

A Complementary Solution



**Re-structure Existing
Projects**



Re-think Stats

A scenic view of a city at sunset. In the foreground, a large, dark, metallic telescope is mounted on a pedestal. The telescope is pointed towards the right. The city below is densely packed with buildings and trees, and a highway with traffic is visible on the right. The sky is filled with soft, golden light from the setting sun, with some clouds. The overall mood is serene and contemplative.

Talent Hunt



THE HUMAN FACE OF BIG DATA

<https://cliqz.com/about/careers>

Dr. Humera Noor Minhas

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