

Questions and Answers Demo by



June 2022

Agenda

- Intro to Pureinsights
- The Challenge
- Demonstration





- Founded 2020
- Decades of search experience
- Search, ML, NLP & Knowledge Graphs

- Focus on Q & A
- Technology Independent
- Asset Development (Data Engineering Platform)



how many queries per second does google get?





Tools



Q All
News Images Videos Shopping : More

About 42,800,000 results (0.65 seconds)

Google doesn't share its search volume data. However, it's estimated Google processes approximately **63,000 search queries every second**, translating to 5.6 billion searches per day and approximately 2 trillion global searches per year. The average person conducts between three and four searches each day. 9 Jun 2021

https://blog.hubspot.com > marketing > google-search-stat...

25 Google Search Statistics to Bookmark ASAP - HubSpot Blog

About featured snippets • Feedback

People also ask :

How many queries per second does Gmail get Google?

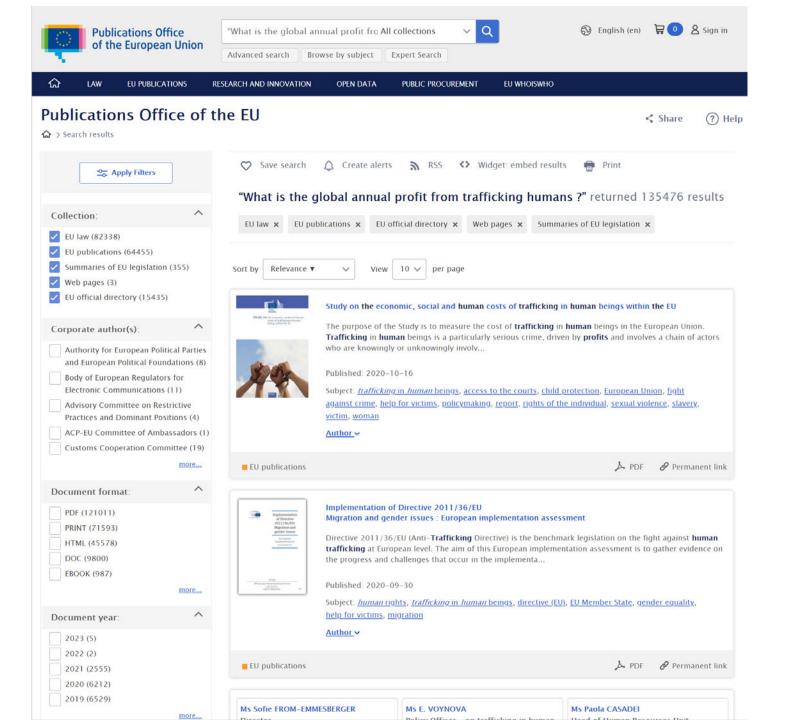
How many queries does Google get a day?

How many questions are asked on Google a second?

How many queries does Google get a year?

Feedback

Since 2017 **Questions and Answers** has grown to approximately **16%** of ALL queries handled by Google

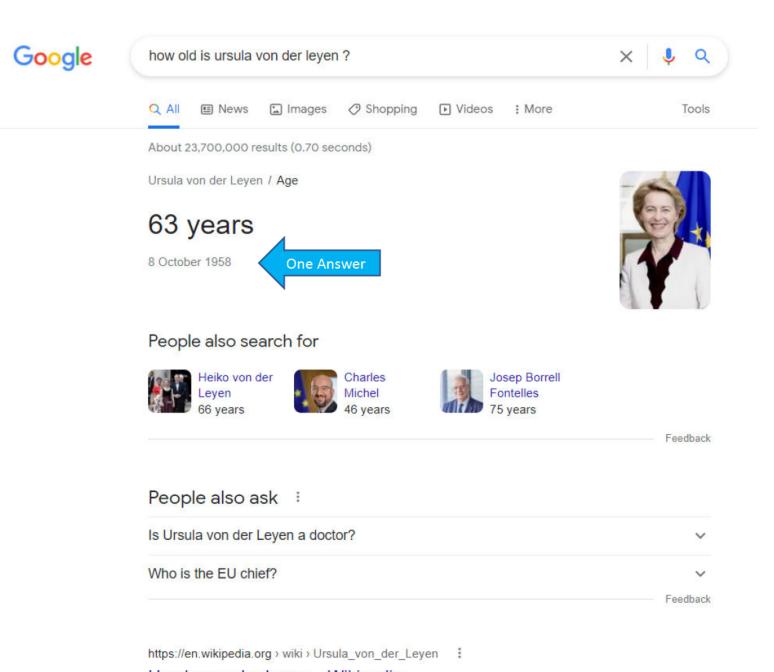




"The Challenge"

Users are starting to expect this interaction on ALL search engines

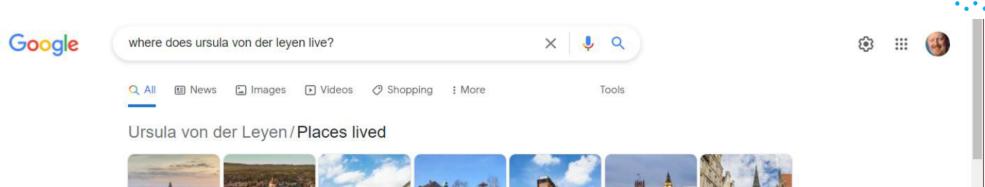




Knowledge Graph Answer

Answer is from Metadata





Hanover

Stanford 1992-1996

Göttingen



Lehrte



Ixelles 1958-1971



London



Münster

Multiple Answers

Feedback

https://www.vogue.co.uk > ... > Arts & Lifestyle

5 Things You Need To Know About Ursula von der Leyen, The ...

27 Apr 2021 — Currently, von der Leyen sleeps in a small studio adjoining her office at the Commission HQ rather than making a home in Brussels. Instead, she ...

People also ask :

Where does the President of the European Commission live? Where is von der Leyen from? V Who is Ursula von der Leyen husband? V Feedback

Ursula von der Leyen

President of the European Commission



Ursula Gertrud von der Leyen is a German and European Union politician who has been President of the European Commission since 1 December 2019. She served in the German federal government from 2005 to 2019, holding successive positions in Angela Merkel's cabinet, most recently as minister of defence. Wikipedia

Born: 8 October 1958 (age 63 years), Ixelles,



when was ursula von der leyen named president of the European Union? X Q Q All News Images Videos Shopping More Tools

About 2,370,000 results (0.62 seconds)

Ursula Gertrud von der Leyen (German: ['Ußzula 'ge:etßu:t fon de 'laɪən] (listen); née Albrecht; born 8 October 1958) is a German and European Union politician who has been president of the European Commission since 1 December 2019.

https://en.wikipedia.org > wiki > Ursula_von_der_Leyen

Ursula von der Leyen - Wikipedia



About featured snippets • Feedback

https://en.wikipedia.org > wiki > Von_der_Leyen_Com...

von der Leyen Commission - Wikipedia

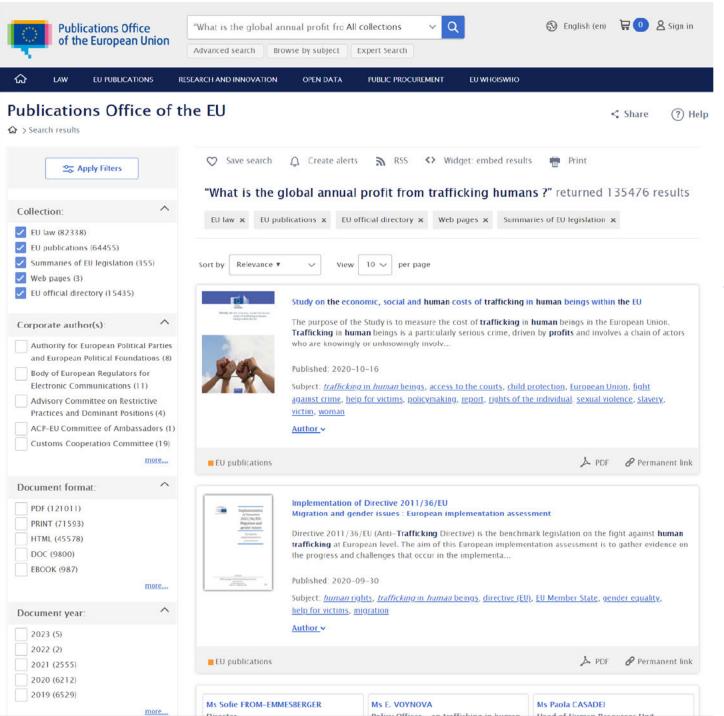
Selection of the candidate for **president** — It has **Ursula von der Leyen** as its **president** and it further consists of one commissioner from each of the member ...

Election and formation · Commission departments · Selection of the candidate for...

Extractive Answers / Featured Snippets

Answer is embedded deep within the content

It is not in the Knowledge Graph.

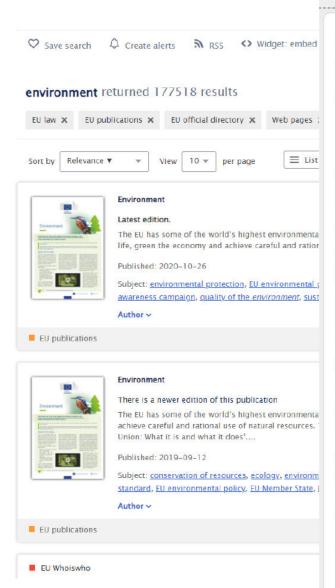






Search results







what;s your best inforamtion on human rights?

ust now

I found 326197 documents

Thanks, would you like to see some relevant documents?

Human rights

Q

EU V

Published: 2022-02-09

Human rights

Published: 2021-05-28

Human rights cities in the EU: a framework for reinforcing rights locally: report.

This report proposes a framework for becoming, and functioning as, a 'human rights city' in the EU. It includes...

Published: 2021-10-11

Person identification, human rights and ethical principles: rethinking biometricsin...

As the use of biometrics becomes commonplace in the era of artificial intelligence (Al), this study aims to...

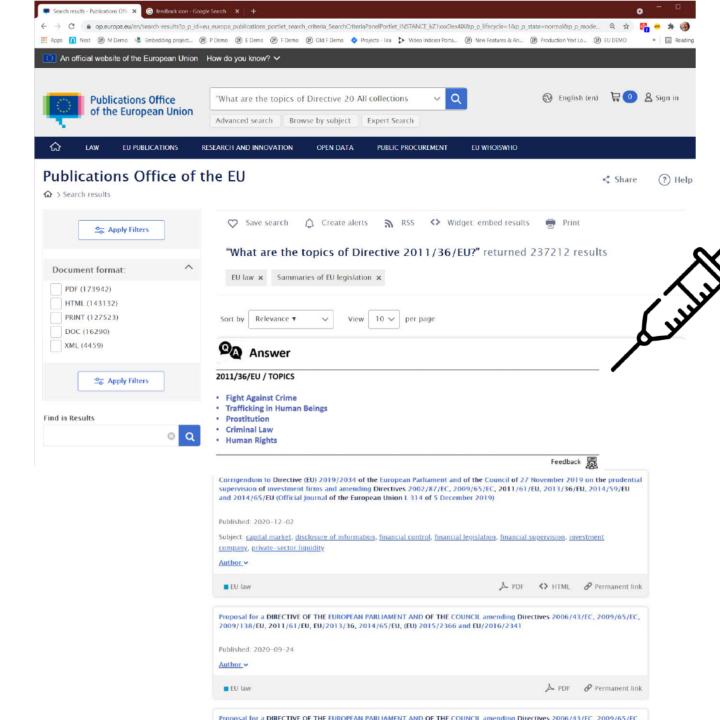
Published: 2022-02-02



pureinsights[™]



See all results





Knowledge Graph Answer injected by our service

Knowledge Graph Answer

Question

"What are the topics of Directive 2011/36/EU?"

Answer

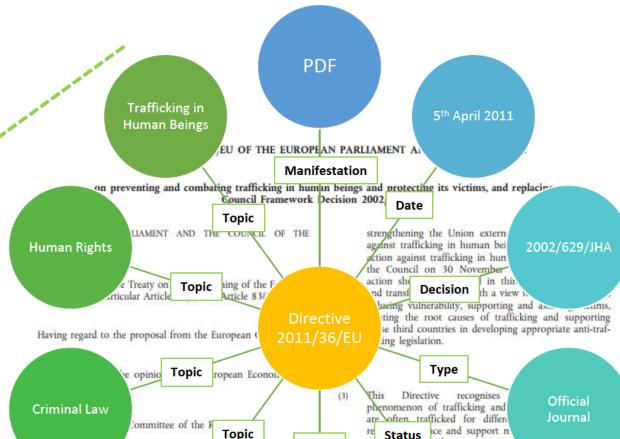
2011/36/EU / TOPICS

- · Fight Against Crime
- · Trafficking in Human Beings
- Prostitution
- Criminal Law
- Human Rights

Feedback

: pureinsights

15.4.2011 EN Official Journal of the European Union L 101/1



Topic

slative procedure (2),

status ce and support n. where appropriate. factors may be different depending concerned, such as trafficking in human sex industry or for laboratory construction we servitude.

Prostitution

sion of the draft legislative act to the national

Whereas:

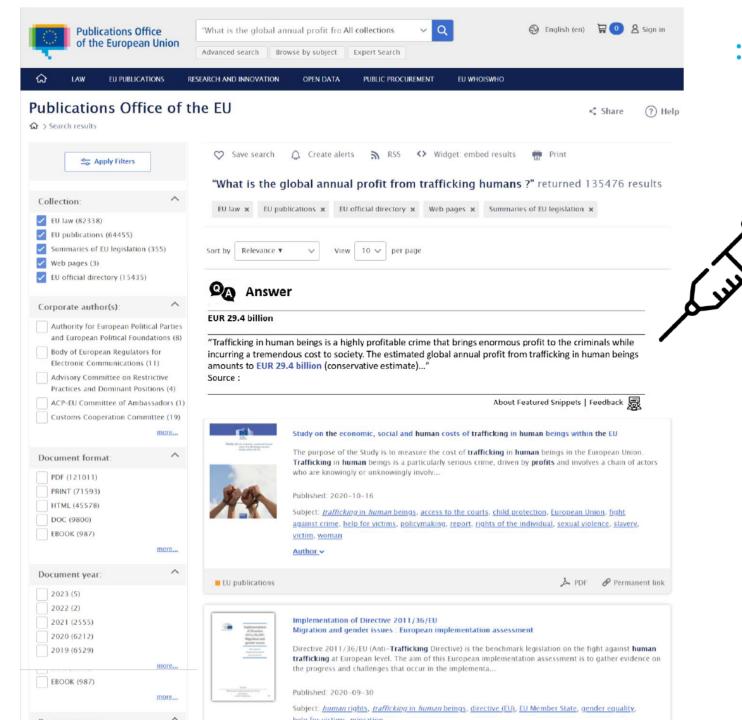
parliaments,

Acting in accord

(1) Trafficking in h. Is a serious committed within the tramework of organis gross violation of fundamental rights and prohibited by the Charter of Fundamental Right European Union. Preventing and combating traffications human beings is a priority for the Union and the Member States.

In Force

the Union action of and fight inst tra. It in ags, and to the tection of the ed persons. For this pose, Councilla 19 July 2002 on combating trafficking in human lings (3), and an EU Plan on best practices, standards and procedures for combating and preventing trafficking in human beings (4) were adopted. Moreover, the Stockholm Programme — An open and secure Europe serving and protecting citizens (5), adopted by the





Extractive Answer injected by our service

Featured Snippets / Extractive Answers

Best "section" of best document identified by Cosine Similarity of BERT Vectors

Question

"What is the global annual profit from trafficking humans?"

Answer

EUR 29.4 billion

Trafficking in human beings is a highly profitable crime that brings enormous profit to the criminals while incurring a tremendous cost to society. The estimated global annual profit from trafficking in human beings amounts to EUR 29.4 billion (conservative estimate)...

About Featured Snippets | Feedback

Most likely answer generated by "Google BERT"

I. Introduction

Extract

Protecting society from organised crime, and in particular tackling trafficking in human beings, is a priority under the new EU security union strategy¹. Article 20 of Directive 2011/36/EU² ('Anti-trafficking Directive') foresees a two-yearly report on the progress made in the fight against trafficking in human beings.

Trafficking in human beings is a highly profitable crime that brings enormous profit to criminals while incurring a tremendous cost to society. The estimated global annual profit from trafficking in human beings amounts to EUR 29.4 billion³ (conservative estimate). The total cost of trafficking in the BU in a single year is estimated at EUR 2.7

billion. This is due to additional services in the area of law enforcement, health and social protection, lost economic output, lost quality of life and the co-ordination of anti-trafficking activities⁴. Such costs are triggered by the serious violation of fundamental rights of women, men, girls and boys by traffickers and continue to be borne by our societies as human trafficking persists.

Criminals have seized the opportunities during the Covid-19 pandemic to generate significant profits and intensify criminal activities. They have changed their operating methods and are increasingly advertising victims on the internet or exploiting them in private facilities. While the full impact of the pandemic is not yet measureable, it is clear that the crisis has given rise to extraordinary challenges, disproportionately affecting the most vulnerable, exacerbating people's vulnerability to trafficking in human beings, including those of women and children. Civil society organisations, international organisations and EU agencies have voiced concerns about delays in identifying victims, which hinders their access to justice, assistance and support⁵.

Featured Snippets / Extractive Answers

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Model is a "generic" understanding model.

If has NOT been fine tuned on Legal or
European Union specific Language

ortionately affecting the king in human beings, anisations, international in identifying victims,





Advanced search

Browse by subject

Expert Search



European data

Public procurement

EU Publications

Research & Innovation

EU Whoiswho

Home



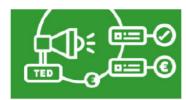
Law

EU law, national law and related Information



European data

Datasets from the European countries and the EU Institutions



Public procurement

Business opportunities in the European Union and beyond



EU Publications

The publications of the EU institutions in various formats



Research & Innovation

Information about the results of EUfunded projects



EU Whoiswho

The directory of the European Institutions

RESOURCES



EU Vocabularies

EU reference data and resources for knowledge management.



EU Web archive

Archive of websites of EU institutions and agencies.



Librarian's corner

Metadata services and European Commission Library resources.







European data

Public procurement

EU Publications

Research & Innovation

EU Whoiswho

Home

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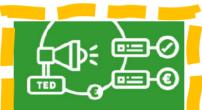
Law

EU law, national law and related Information



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Public procurement

Business opportunities in the European Union and beyond



EU Publications

The publications of the EU institutions in various formats



Research & Innovation

Information about the results of EUfunded projects



EU Whoiswho

The directory of the European Institutions

RESOURCES



EU Vocabularies

EU reference data and resources for knowledge management.



EU Web archive

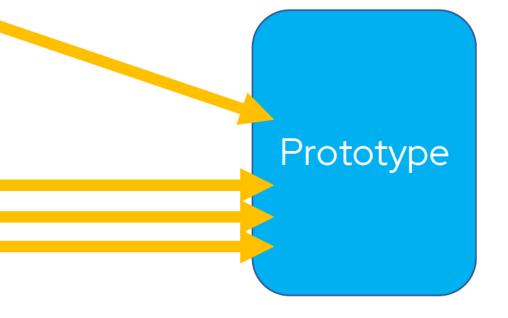
Archive of websites of EU institutions and agencies.



Librarian's corner

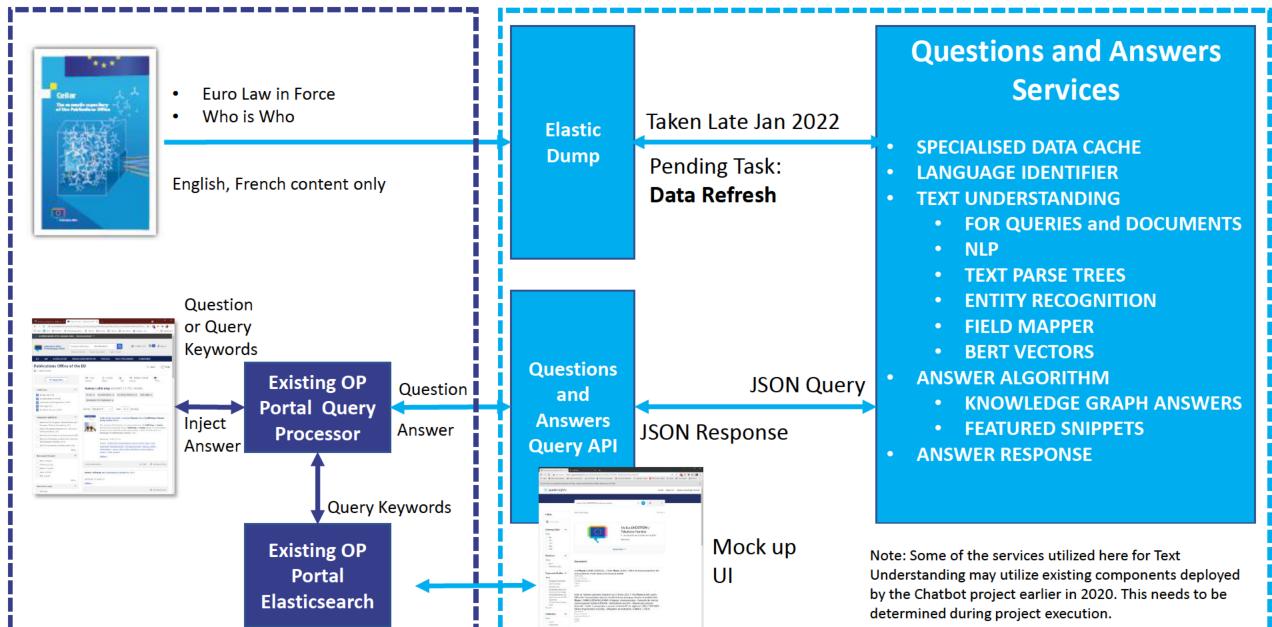
Metadata services and European Commission Library resources.





Questions and Answers Proof of Concept





DEMO

DEMO#1 – Early PrototypeCordis, TED, WhoisWho, Publications

DEMO#2 - Proof of Concept

- EU Law in Force (en, fr)
 - EU Whoiswho (en,fr)