

D&K: Data & Knowledge

Central question of this M2 track: **Is Elvis alive?**



D&K: Data & Knowledge

Central question of this M2 track: **Is Elvis alive?**



is elvis alive?

Web

Images

Videos

Maps

News

More

19 100 000 RESULTS

Narrow by language ▼

Narrow by region ▼

[Proof: **Elvis is Alive!!** - **Elvis Presley**, the man, the myth ...](#)

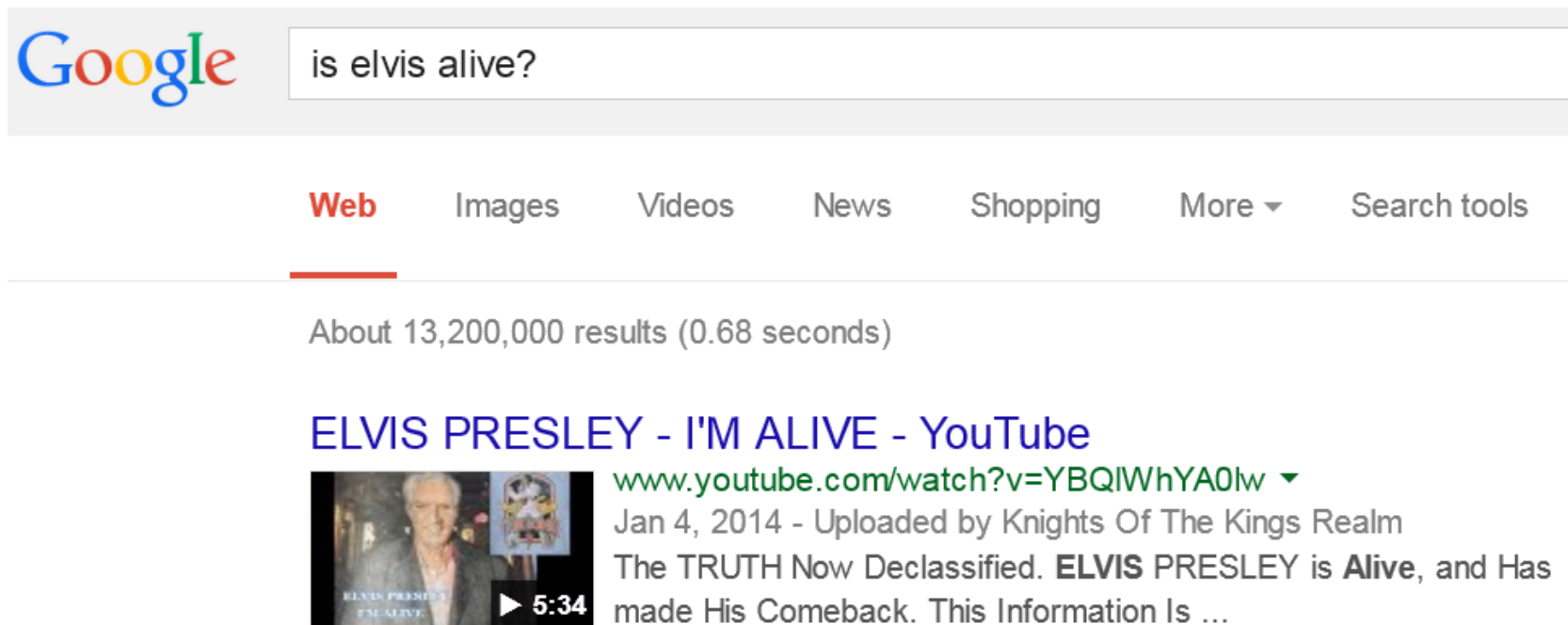
www.elvis-is-alive.com ▼

Proof: **Elvis is Alive!!** - **Elvis Presley**, the man, the myth, the legend, the king of rock-n-roll, IS **ALIVE** and working as an undercover agent for the DEA

Bing: yes

D&K: Data & Knowledge

Central question of this M2 track: **Is Elvis alive?**



The image shows a Google search interface. The search bar contains the text "is elvis alive?". Below the search bar, the "Web" tab is selected and underlined. The search results show "About 13,200,000 results (0.68 seconds)". The first result is a YouTube video titled "ELVIS PRESLEY - I'M ALIVE - YouTube" with a thumbnail showing an elderly man. The video URL is www.youtube.com/watch?v=YBQIWhYA0lw. The video was uploaded on Jan 4, 2014, by "Knights Of The Kings Realm". The description reads: "The TRUTH Now Declassified. **ELVIS PRESLEY** is **Alive**, and Has made His Comeback. This Information Is ...".

Google: yes

D&K: Data & Knowledge

Central question of this M2 track: **Is Elvis alive?**



Enter what you want to calculate or know about:

is elvis alive?



Examples Random

Input interpretation:

Elvis Presley alive?

Result:

No

Wolfram alpha: no

D&K: Data & Knowledge

Topics: Web data management, Knowledge & Semantics, Data variety, Data governance, Data bases, Big Data, and Data Analytics

- *Look under the hood of technologies that big data players such as Google, Twitter, Wolfram alpha, and Facebook leverage.*
- *Learn the principles of semantic data representation, which makes machines “understand” data.*
- *Understand how machines (and humans) reason on data.*
- *Discover different types of data in a variety of applications, such as bioinformatics, social media, and the Web.*

D&K Program

1st Semester, 1st period: 3 mandatory basic courses:


- Complex Data and Knowledge
- Architectures for Massive Data Management
- Data Warehousing

1st semester, 2nd period:

- a choice of 6 out of 12 optional courses (see next slide)

2nd semester:

- Master's thesis or internship
- 2 mandatory soft skill courses:
 - Formation à la recherche/à l'entreprise
 - Presentation course



Learn how to
present
en anglishe!
Wow!

D&K Optional Courses

1st semester, 2nd period: Choose 6 out of the following courses:

- Reasoning with Ontologies (Meghyn Bienvenu)
- Knowledge Base Construction (Fabian Suchanek)
- Cognitive Modeling (Jean-Louis Dessalles)
- Information Integration (Nathalie Pernelle and Fatiha Saïs)
- Social Data Management (Bogdan Cautis)
- Uncertain Data Management (Pierre Senellart)
- Dynamic Content Management (Nicoleta Preda)
- Distributed Data Mining and Machine Learning (Mauro Sozio)
- Data Science for Big Data (Michalis Vazirgiannis; shared with AIC)
- Learning from the Web (Michalis Vazirgiannis; shared with AIC)
- Bioinformatics (Sarah Cohen-Boulakia)
- 1 self-chosen course among all courses at Paris-Saclay (requires approval)

D&K Organization

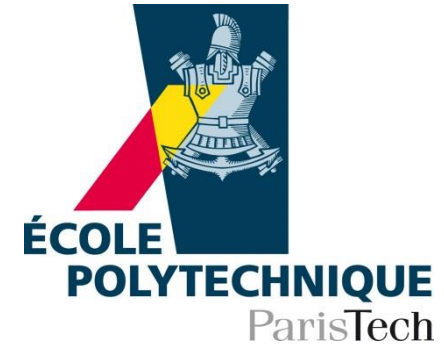
Participating institutes:



(location of courses)



(location of courses)



Coordination: Fabian Suchanek (master-info-dk@paris-saclay.fr)

Language: Courses will be in English

Target Audience: international