Central question of this M2 track: Is Elvis alive?
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Proof: Elvis is Alive!! - Elvis Presley, the man, the myth...
www.elvis-is-alive.com

Bing: yes
Central question of this M2 track: Is Elvis alive?

Google: yes
Central question of this M2 track: Is Elvis alive?

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 anglais! 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:

Coordination: Fabian Suchanek (master-info-dk@paris-saclay.fr)
Language: Courses will be in English
Target Audience: international