Welcome!

WWW:  http://datachecking.com
Twitter:  #dscut
WHY DATA SCIENCE?

1. Economic progress is increasingly based on analyzing big data
11,273 results for **Data Scientist** jobs

**Data Scientist/Sr. Data Scientist - Business Insights, Data Quality**
LinkedIn
Mountain View, CA - Aug 28, 2014
Consumer Analytics at LinkedIn influences our products in ways immediately felt by our members. We thrive on collaborating with LinkedIn's product development teams to build data-fueled products which our members love. We own our numbers, track them carefully and are nimble in analyzing ...

**Data Scientist/Sr. Data Scientist - Business Insights**
LinkedIn
Mountain View, CA - Sep 3, 2014
Consumer Analytics at LinkedIn influences our products in ways immediately felt by our members. We thrive on collaborating with LinkedIn's product development teams to build data-fueled products which our members love. We own our numbers, track them carefully and are nimble in analyzing ...

**Data Scientist**
WorldLink US
Richardson, TX - Aug 21, 2014
Position Description: Data Scientist / Senior Data Scientist Seeking an outstanding Data Scientist with experience in designing, developing, and delivering data driven solutions that have a direct and measurable impact. This person will work with virtually every area of our business to help ...
WHY DATA SCIENCE

2. Data Scientists are the new (TV / YouTube / Rock) stars! ;-)

UNIVERSITY OF TWENTE.
WHY DATA SCIENCE?

3. Scientific discoveries will be increasingly done by analyzing big data.
The techniques and technologies for data-intensive science are so different that it is worth distinguishing data-intensive science as a new, fourth paradigm for scientific exploration.

(Jim Gray)
WHAT IS DATA SCIENCE?

Add: *Hacking skills*
To: *Math & Statistics*
and *Substantive Expertise*
EXAMPLE: WHY DATA SCIENCE?

**Question:** Do children search and access web information differently from adults?

**Traditionally:** Observe and interview a group of children (Bilal 2000, Druin et al. 2008)

**Data Science:** Access a search engine usage log, identify children, derive conclusions from queries, clicks, browsing. (Duarte et al. 2014)
DATA SCIENCE @ TWENTE:

- High-tech Human Touch: Unique cooperation between computer scientists, mathematicians and social scientists
- 27 senior research members (13 CS, 8 BMS, 6 Math)
- Joint project proposals
- TOM Module Web Science
- CS M.Sc. Track Data Science for Smart Services
- Cooperations with Twitter, Google, Yahoo, …
- IGS DataLab
- CTIT Data Cluster
FIRST DUTCH HADOOP CLUSTER IN 2008

NOW: 48 nodes, 0.5 PB (300 TB Free)
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