



Florian Dohmann

Data Scientist @ *um



The unbelievable Machine Company GmbH

SPECIALIST

F O R

CLOUD SERVICES INTERNET APPLICATIONS BIG DATA

FROM

BERLIN

We create data solutions.

From idea to cable.

BORN 2008

DATA SCIENCE 2011





Employees in Berlin & Vienna

Data Science

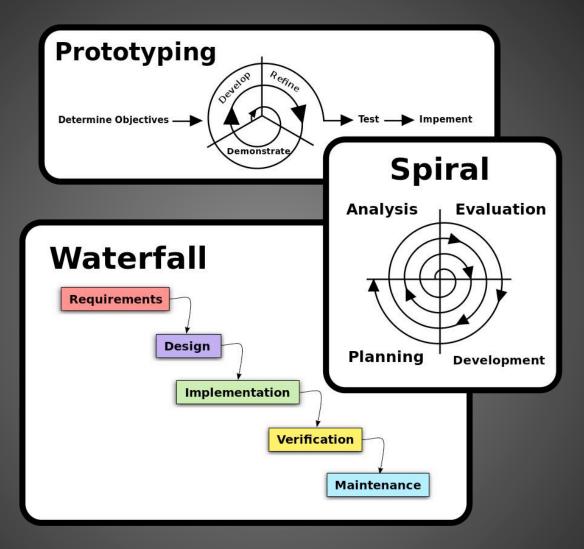
Custom Big Data Analytics, Machine Learning & Co.

Workshops & Trainings Support in creating own Data Science Teams

E Full-Service

"We need a perfect interplay of human & machine intelligence"

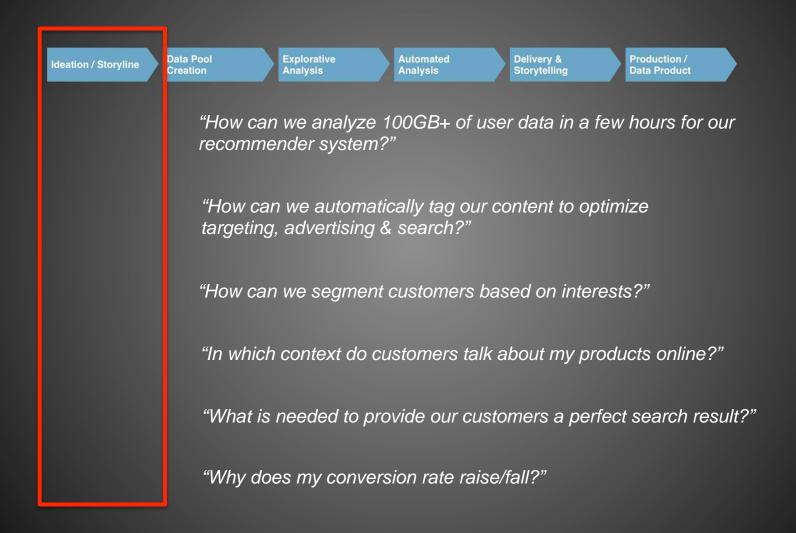
Process?

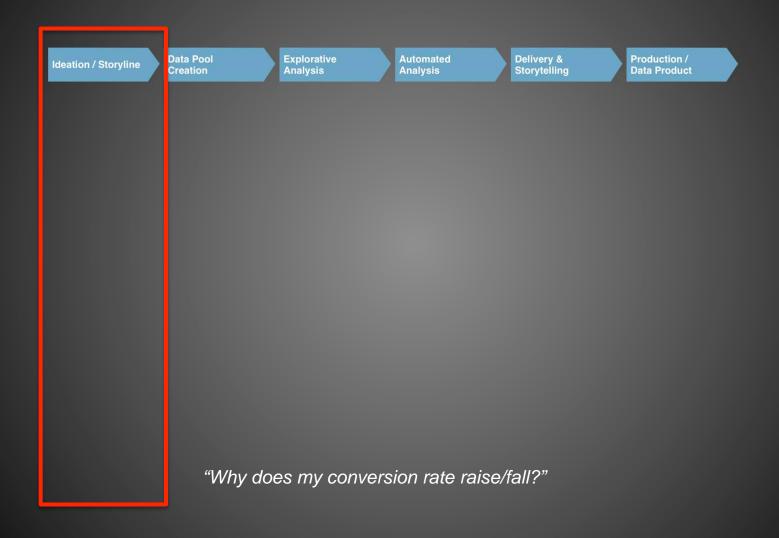


http://en.wikipedia.org/wiki/Software_development_process#mediaviewer/File:Three_software_development_patterns_mashed_together.svg

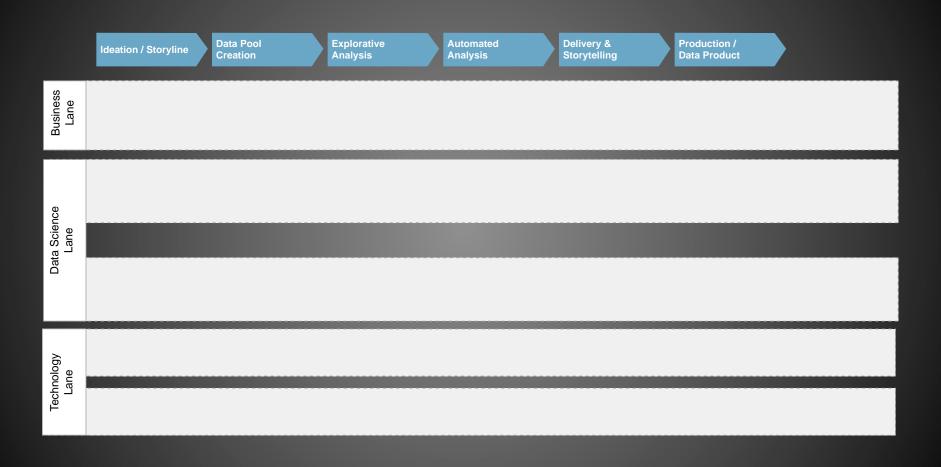
Data Science Process Model: Stages

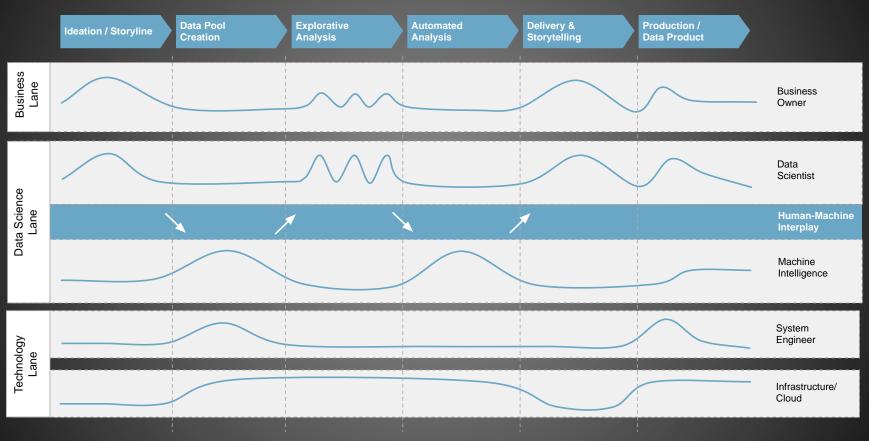


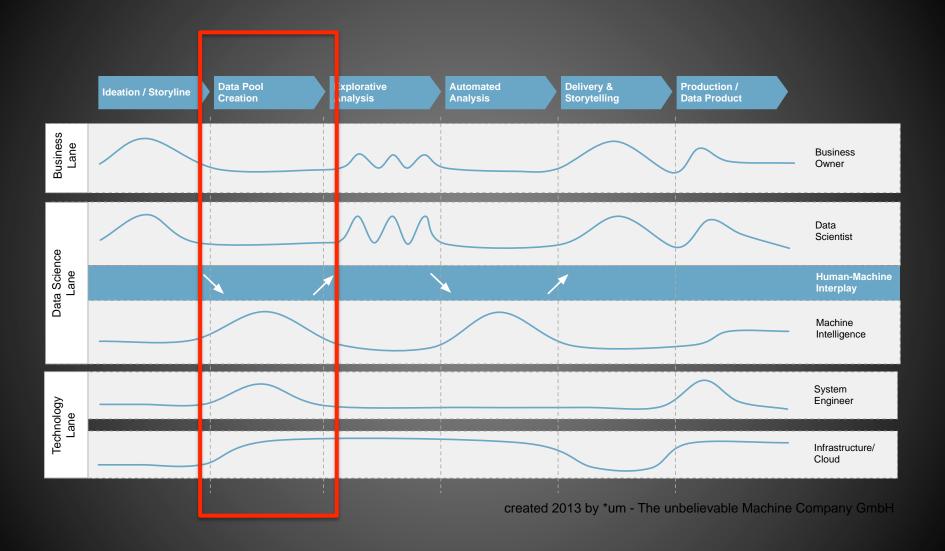




Data Science Process Model: Stages & Lanes









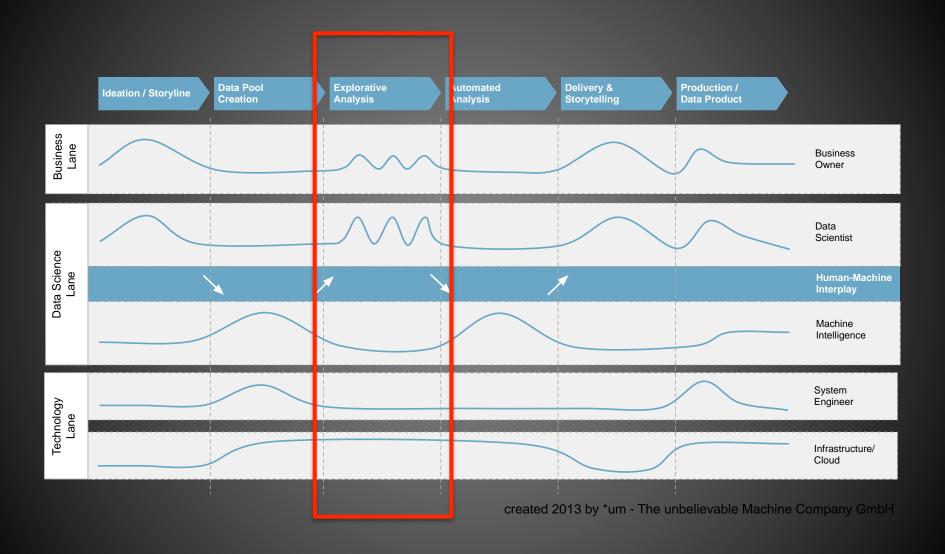




Sample: 200 K

log files

- ~ 100 GB
- ~ 2 Monate

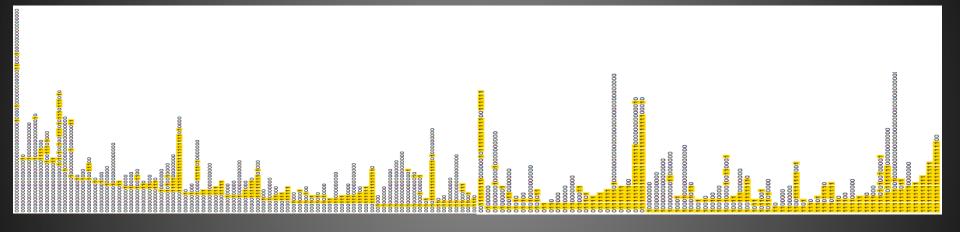




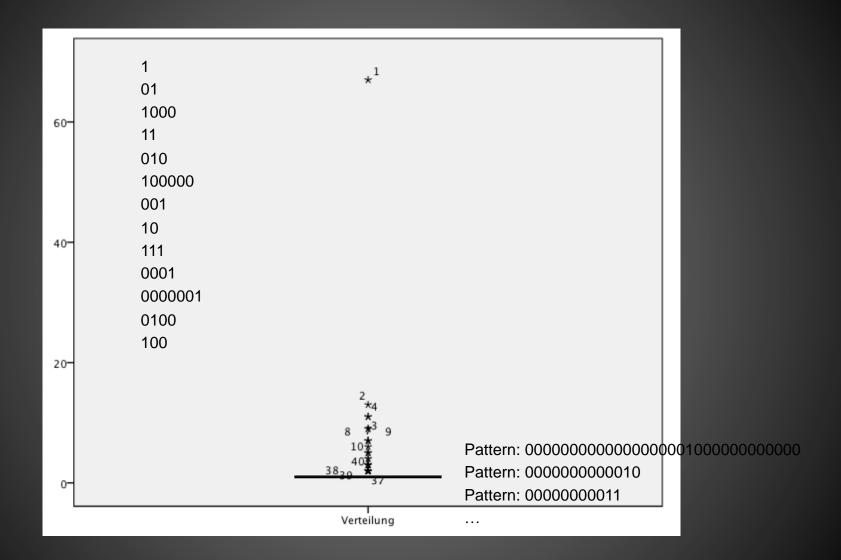
Conversion Rate Based On ..

80.18xxxx - - [19/Nov/2014:15:55:21 +0100] "GET /hd_de/checkout/onepage/success/ HTTP/1.1" 200 10341 "https://adomain/hd_de/checkout/onepage/" "Mozilla/5.0 (iPad; CPU OS 7_0_4 like Mac OS X) AppleWebKit/537.51.1 (KHTML, like Gecko) Version/7.0 Mobile/11B554a Safari/9537.53" 1635552 https

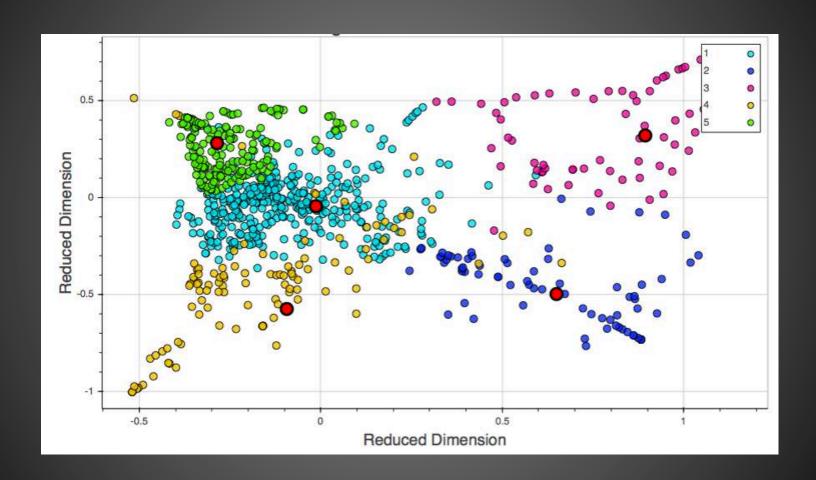
Exploration

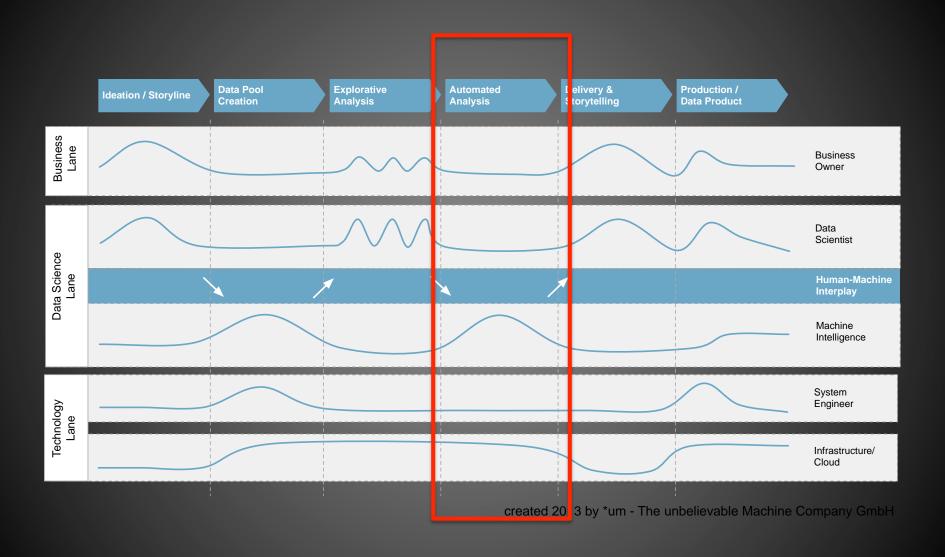


Exploration



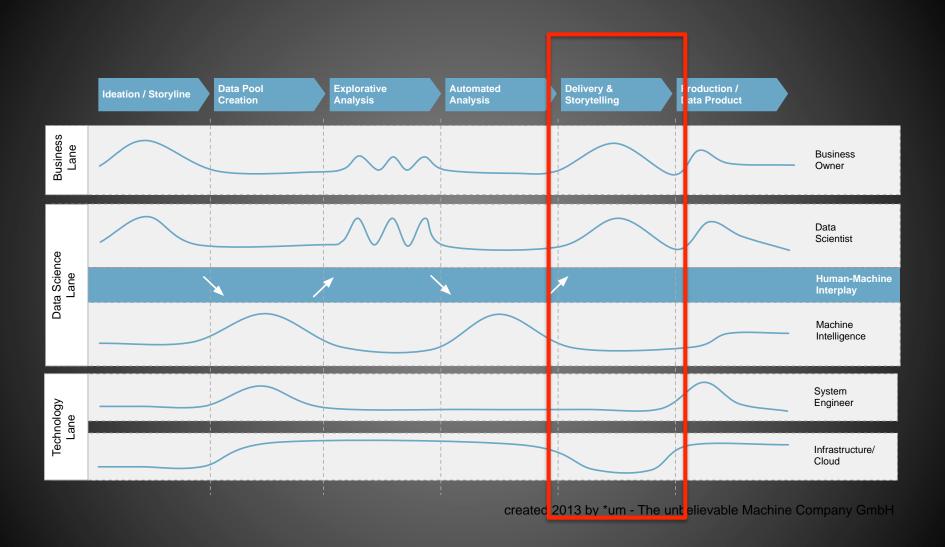
Exploration

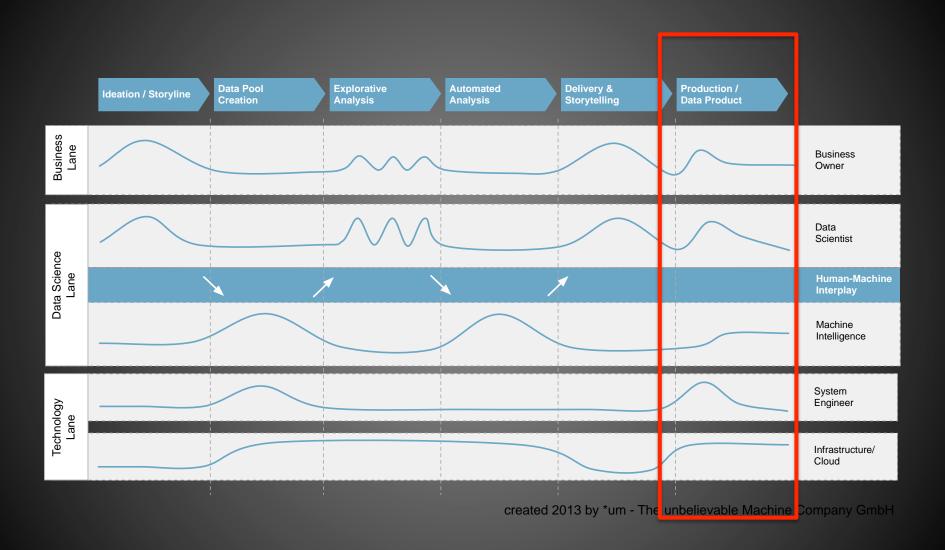




Automation







Development Data Science

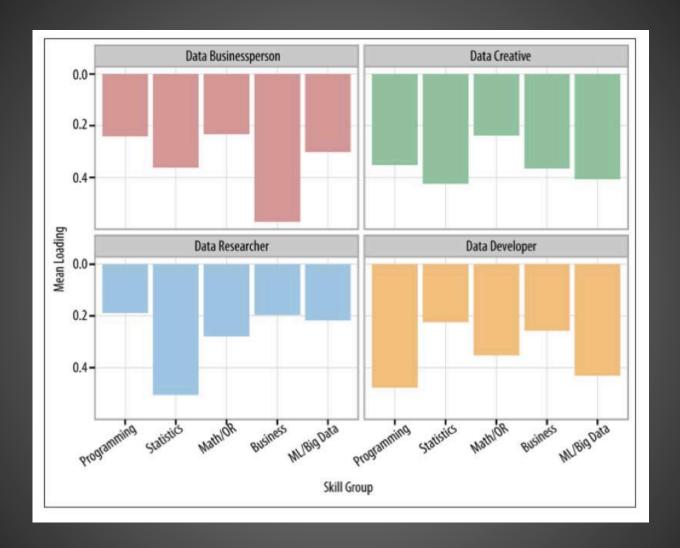
Thanks!

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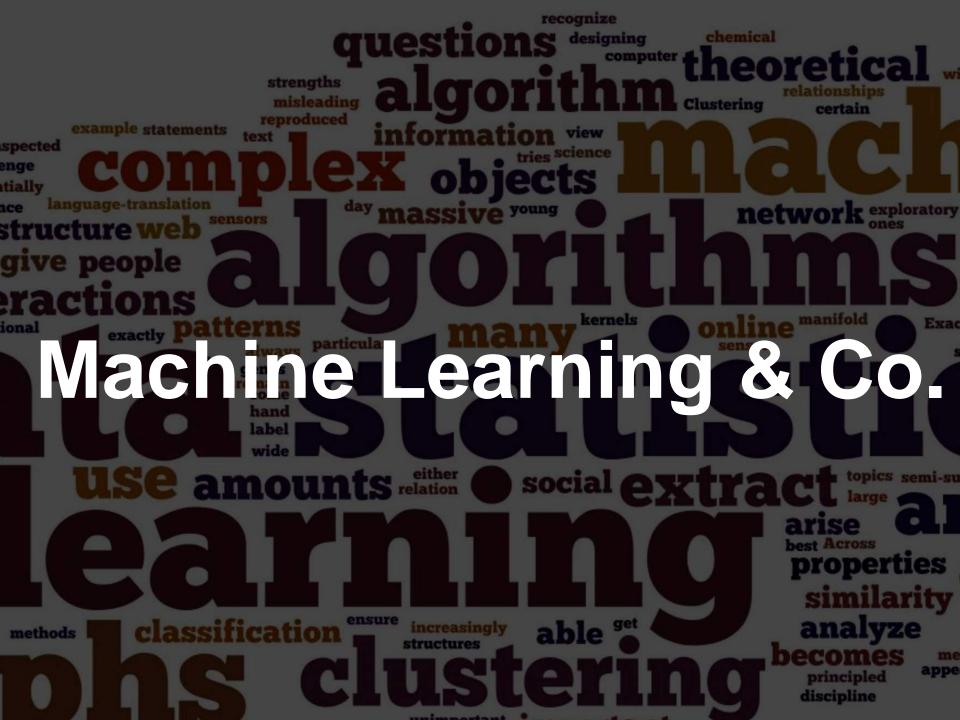
What we also need...

A Great Team



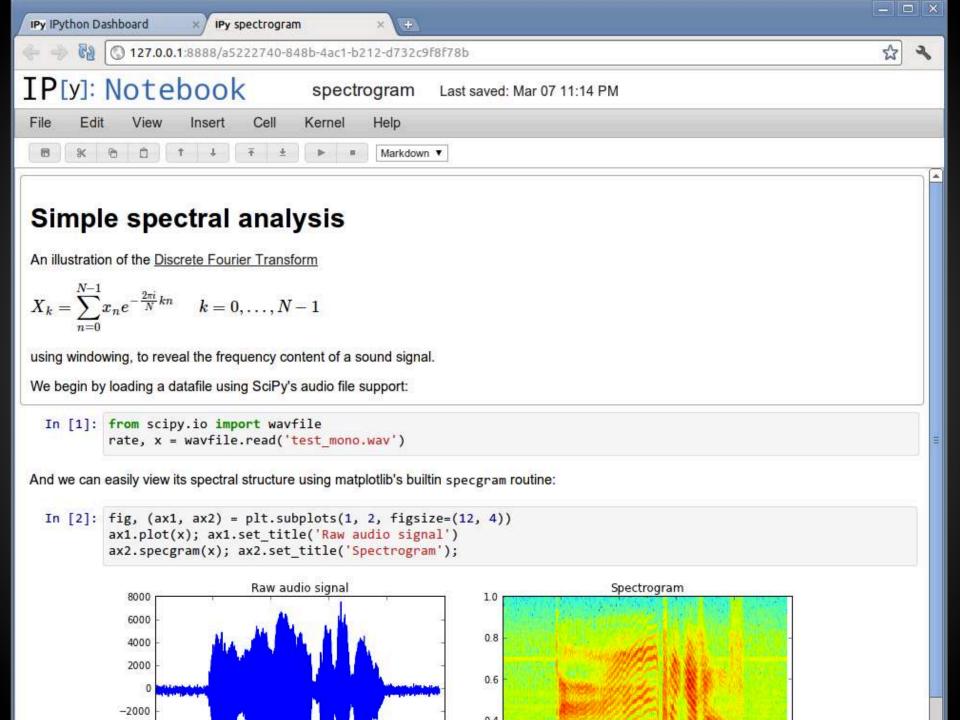
+ Algorithms





+ Programming

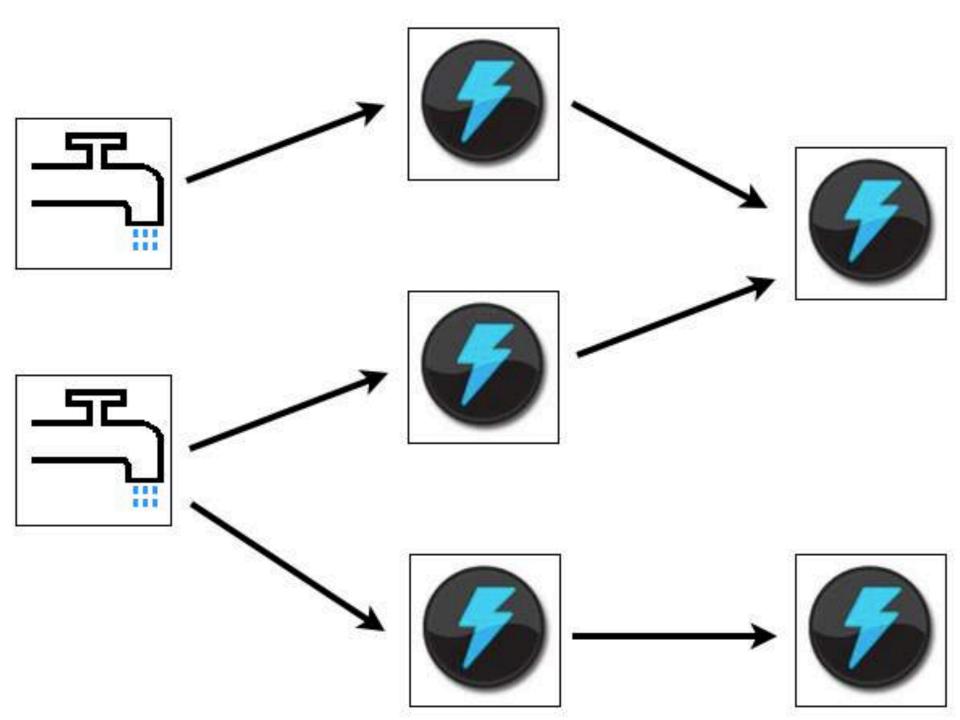






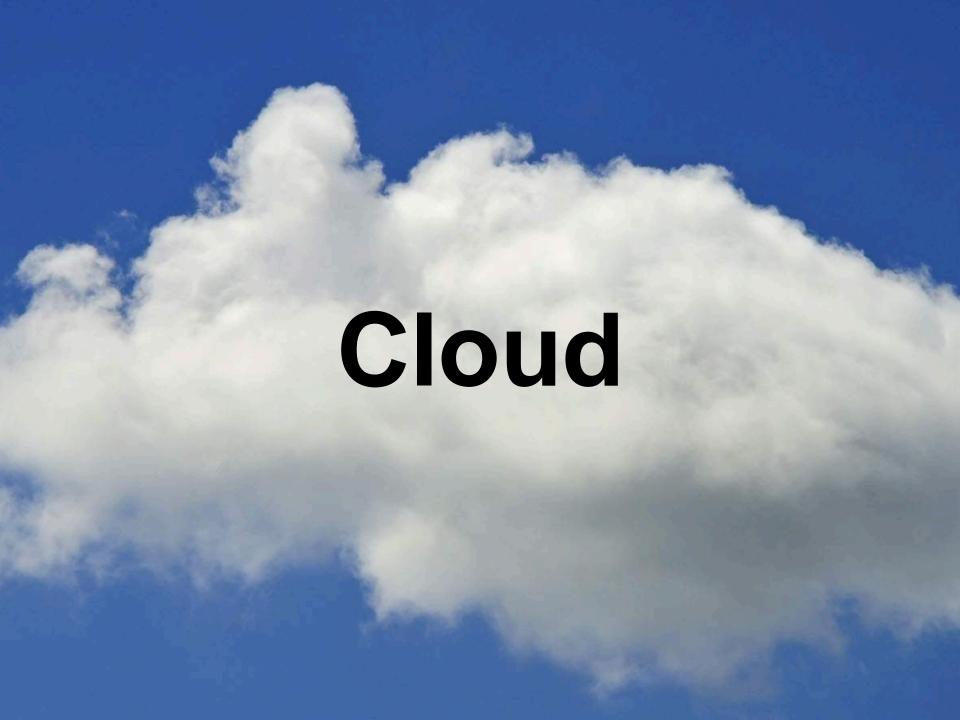
+ Stream processing





+ Infrastructure





Visuals Interfaces

0.06

PRED1

0.00

Thanks 2!

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