Sentiment analysis +

Web reputation made easy

SFERANET

Web reputation

- Companies need to keep track of social networks
- Huge amount of information
- Domains:
  - marketing
  - politics
  - decision-making
  - business intelligence

Meet Sentiment Analysis+

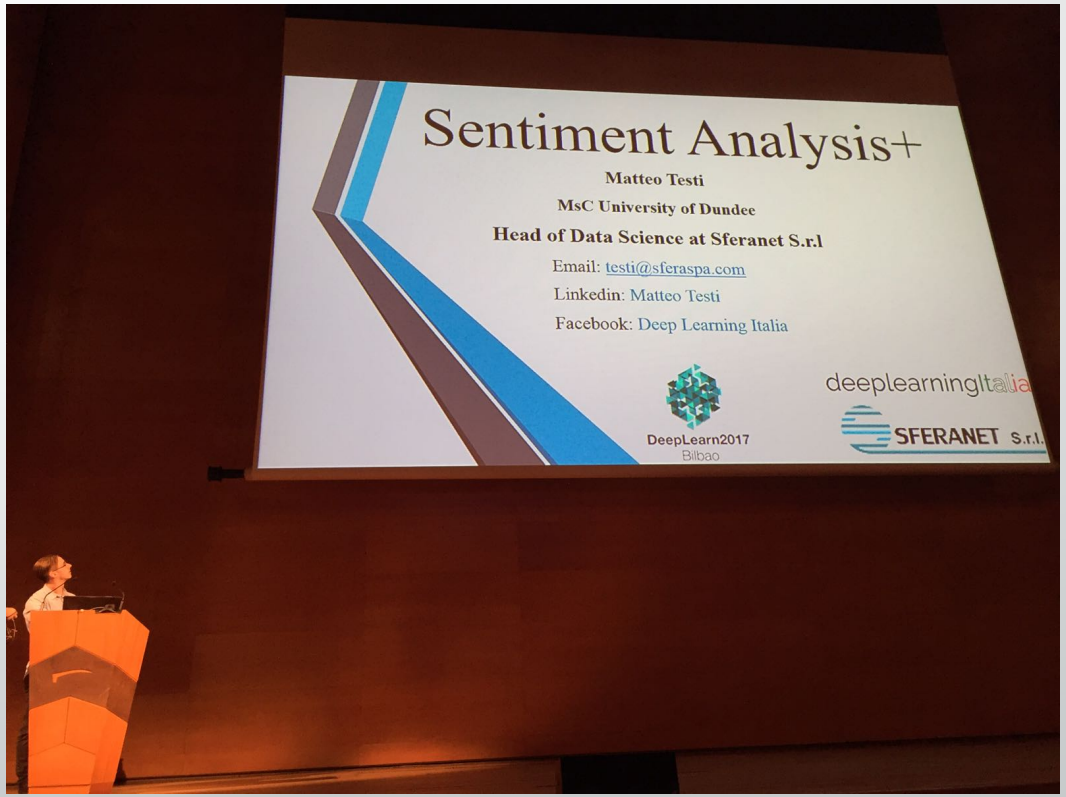
- Automatic text categorization (e.g. tweets)
- Three categories: negative, neutral, positive
- A model based on recurrent neural networks
- A layer of long-short term memory

A bleeding-edge deep learning model

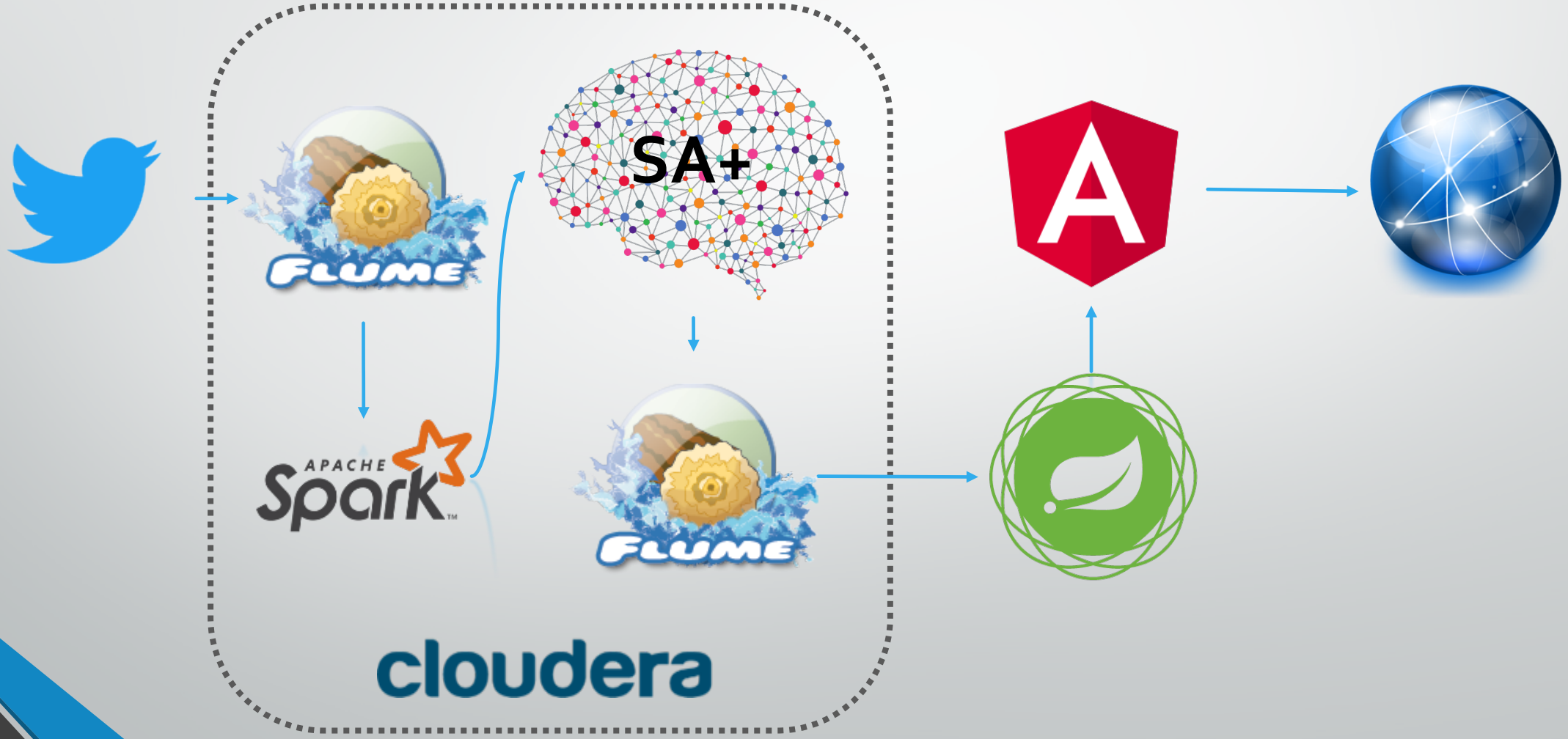
DeepLearn2017
Bilbao

We use a model developed by our data scientists

Presented at the **International Summer School of Deep Learning** Bilbao, 17-21 July 2017



A fast data system



SA+ main flow

- Default Twitter Flume connector as source
- Flume SparkSink
- Spark Streaming
  - Keras
  - Tensorflow
- Spring Boot and Angular to show diagrams
- Oozie scheduling for model training

Not only Twitter

Sentiment Analysis + can be connected to many sources:

- Twitter
- Facebook
- LinkedIn
- Instagram
- Reddit

Tailored to your needs

Choose:

- Users
- Hashtags
- Groups / Subreddits

And keep track of your web reputation

The dashboard