

# Topic 3: Cloud Computing

Soodeh Farokhi, Gajo Gajic, Martin Kalany and Jia Wei

January 29, 2014

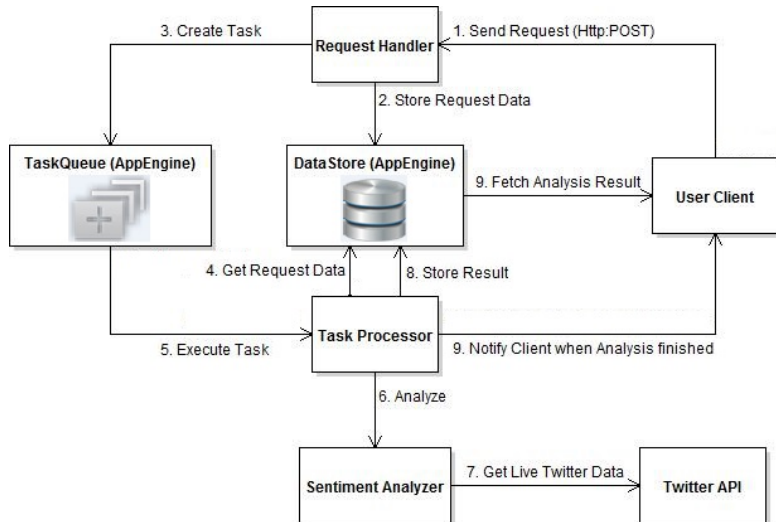
# The task

Develop a cloud-based service for twitter-based sentiment analysis on top of

- an IaaS environment (Amazon Web Services) using CloudScale
- and a PaaS environment (Google AppEngine)

and compare these two cloud computing approaches.

# Google AppEngine: Architecture



# CloudScale vs. Google AppEngine

## A CloudScale app

- is a **simple Java SE program**
- with **a few annotations** plus a **configuration** class,
- more flexibility due to custom **scaling** strategies
- and **no constraints on thread execution time**.
- **Documentation** is (comparatively) **scarce**
- and the configuration quite **tedious**.
- **Google** provides a **vast and helpful ecosystem**.

Questions? Answers!