Metrics:

Qps

Which data to use: bigtable (gmail, youtube …),

Machine Learning APIs

Cloud Machine Learning Engine: provide own tensorflow code: what type of vm to run on

NLP

Google Cloud Products:

Spark

APP Engine: develop web apps, G-cloud written in Python,

Firestore

Datamodel

Cloud Natural Language API

NLP:

Nltk in pythom

Corpus

List comprehension

Tokens vs string

Stemming & Lemmatization

(change wait, waits, waited to …)

(Lemmatization: look at the type of words, takes much longer)

* Sentence Embeddings
  + Take words and sentences, change them into numbers

APIs: (chat bots)

Wit.ai (by Facebook, nice for hardware)

IBM Watson API (complicated)

DialogFlow (by Google, recommended)

Demo: inventory bot:

1. Dialog flow
2. Firebase database
3. Firebase cloud functions