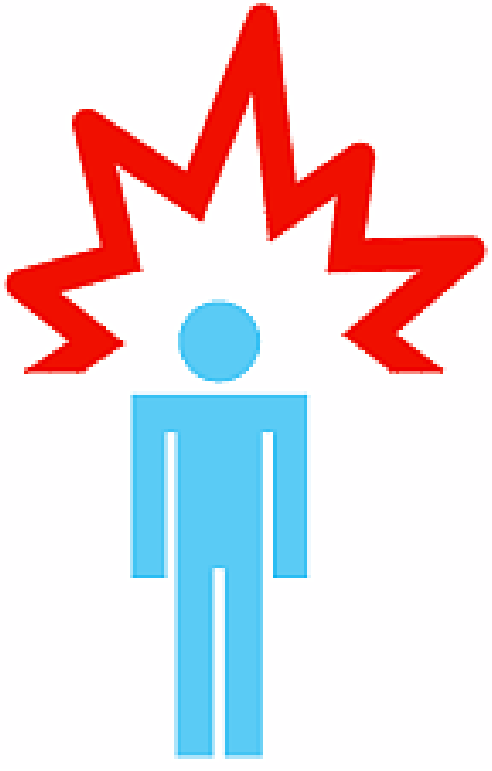
AlphaTRIP

旅行，說走就走

KOBE不要退休

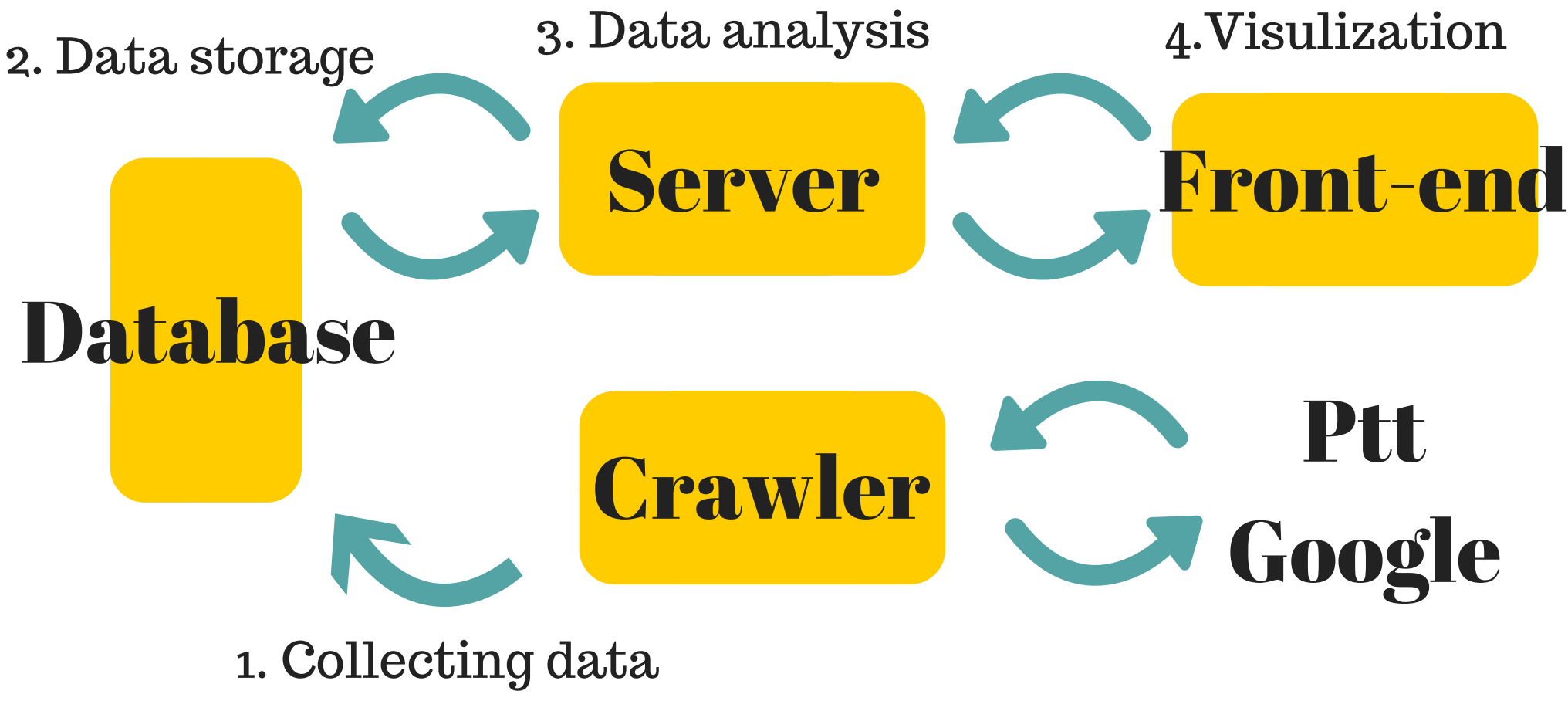
Oops!



Demo

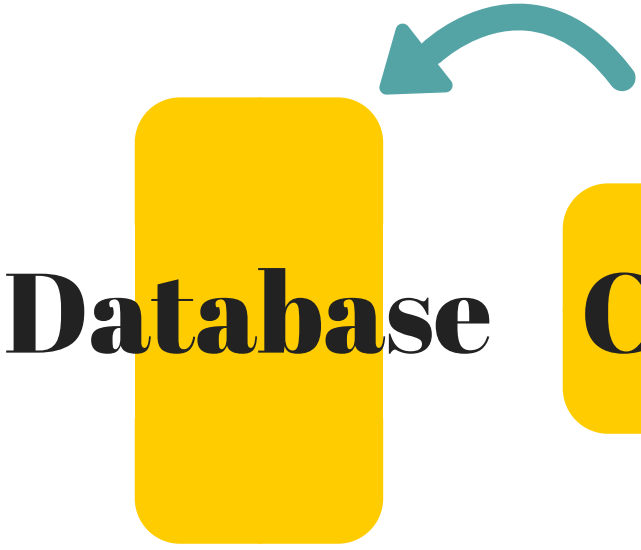
1. Collecting data
2. Data storage
3. Data analysis
4. Visulization
5. Application

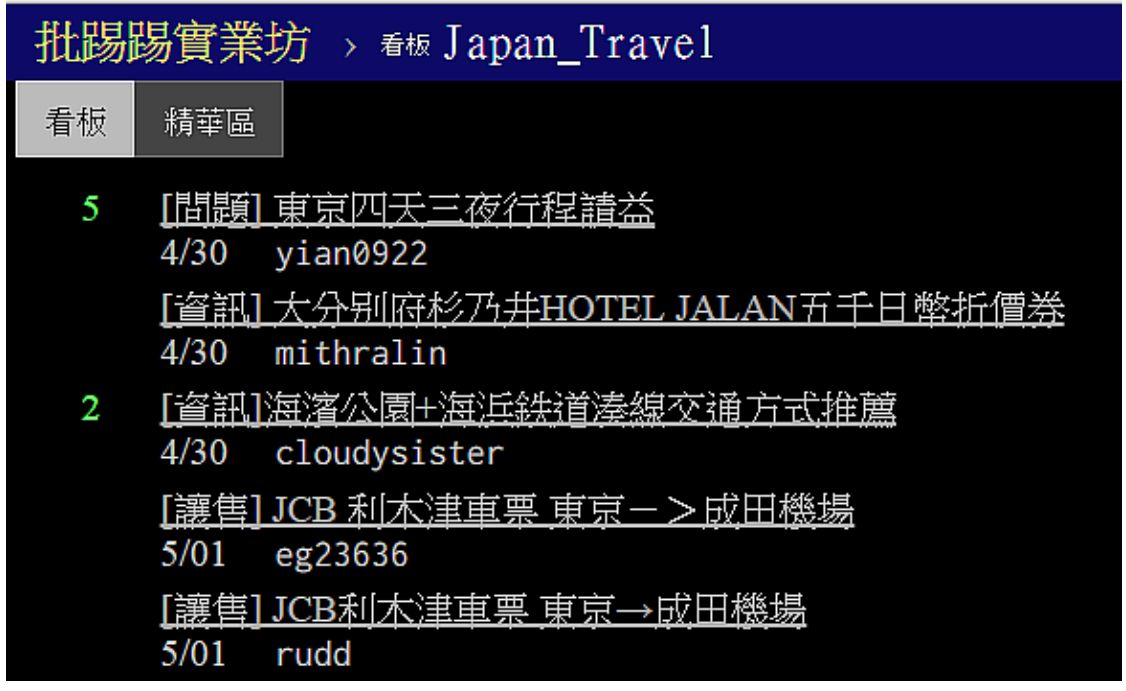
System architecture



Collecting Data

https://www.ptt.cc/bbs/Japan_Travel/index.html





Data Storage

- MongoDB(NoSQL)

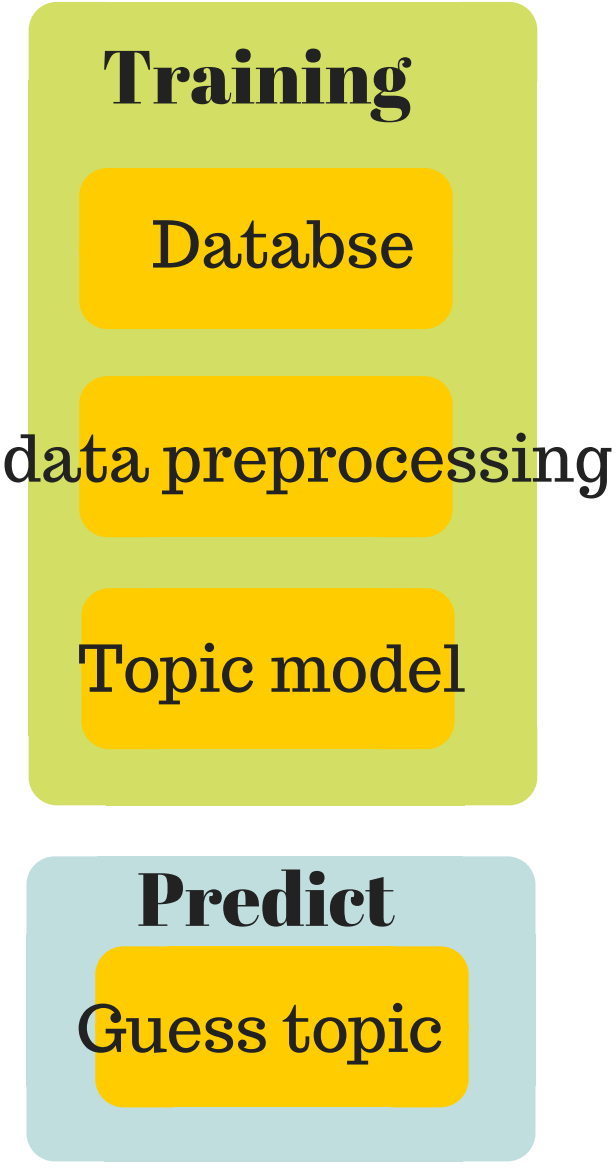
```
"article" = {
  "id" : "abcdgae5weg561f",
 "article_title": "東京美食 築地市場
大江戶"
  "date" : "20160101 03:32:56",
  "message_count" : "push: 4, ... ",
  "author" : "hubert",
  "content" : "每一家都大排長龍阿XD",
 ......
}
```

Data Analysis

- 我這周末參加大數據應用黑客松，都沒有睡覺。
- I participated in big data hackathon,...
- Chinese segmentation
- Supervised learning

- 美食, 景點, 購物, 攝影, 古蹟, 慶典, 免稅, 機場, 住宿"

- Popularity: 出現在PTT裡面的篇數



Schedule

- Schedule base on Habit, Budget, Popularity, Distance

- value = disWeight*dis + popWeight*popularity + priWeight*price + habWeight*habit

AlphaTrip

Jun-Wei, David, Cory, Rabbit, Hubert

Thank
you