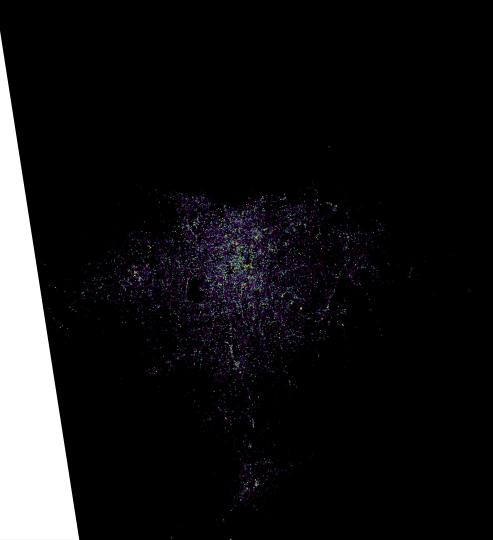






GO-JEK carries around 3 million people daily



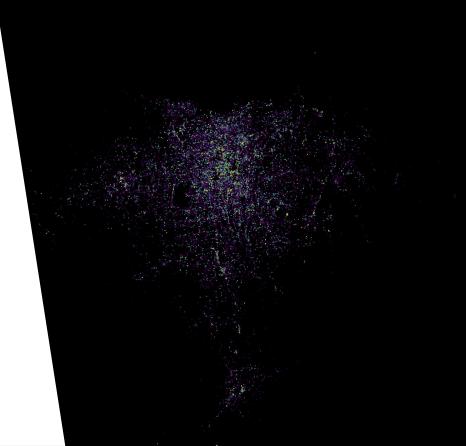


Operating principles for data science at GO-JEK:



Integrated with product engineering

Scalable

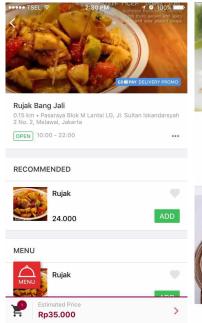






GO-FOOD has over **8M** dishes without tags

10:00 - 22:00







The Goal:

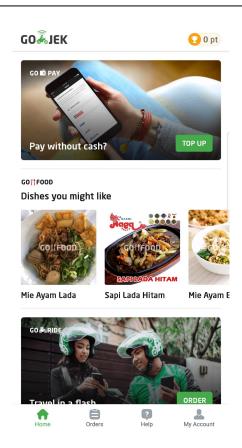
- Tag each dish
- Item level analysis
- Dish level recommendation feature

The Challenge:

- Each item may have multiple tags: e.g. Beverage, sweet, iced, coffee
- Manual labels are messy and duplicates exist: e.g. Dairy and Milk
- Some tags appear very few times



What dishes would customers like to eat?

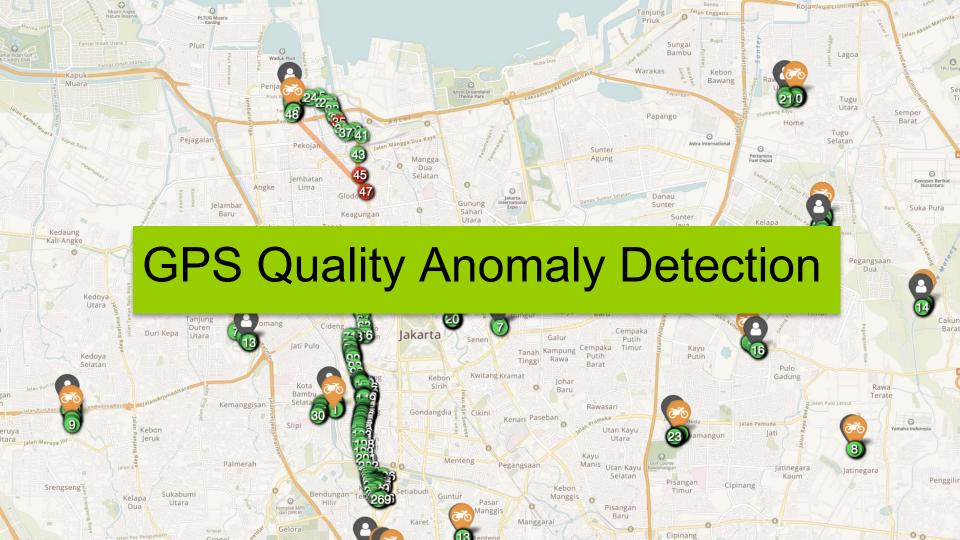


The Goal:

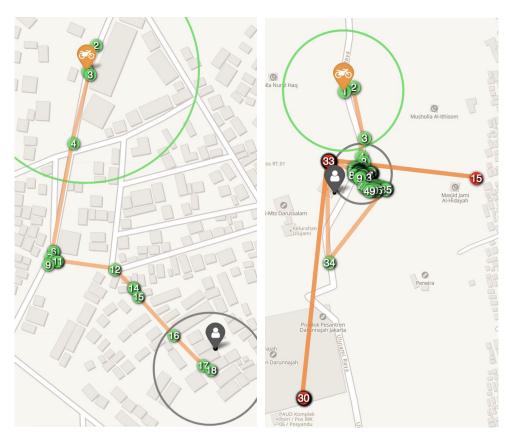
- Personalized dish level recommendation to users
- Increase discovery of new dishes based on past preferences

The Challenge:

- No rich and clean text data on dishes
- Thresholding to prevent same dishes from different merchants from being recommended



GPS is a core data requirement of GO-JEK



The Goal:

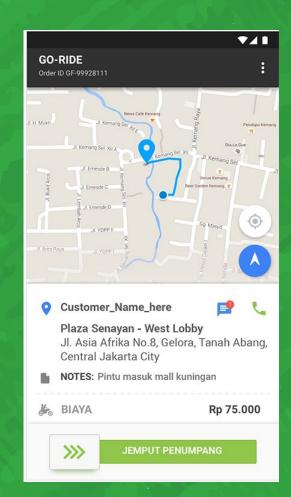
- Identify anomalous GPS points
- Correct anomalous GPS data
- Track anomalous GPS behaviour.

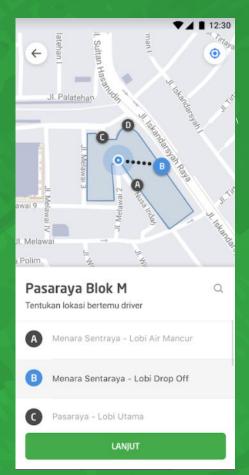
The Challenge:

- There are many reasons why GPS data may be inaccurate: buildings, bad devices, fraud
- Our systems require reasonably accurate GPS data to function optimally else user experience suffers
- GPS data is one of the biggest data we have so the models need to be fast and scalable



Intelligent Places of Interest







Q&A Thank you! kaluwi@go-jek.com

