BMW Multi-Mode Travel Scheduling Based on Machine Learning
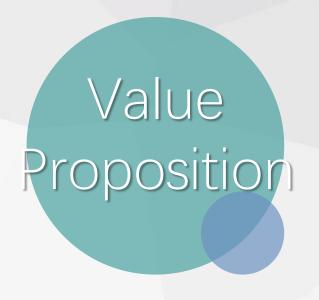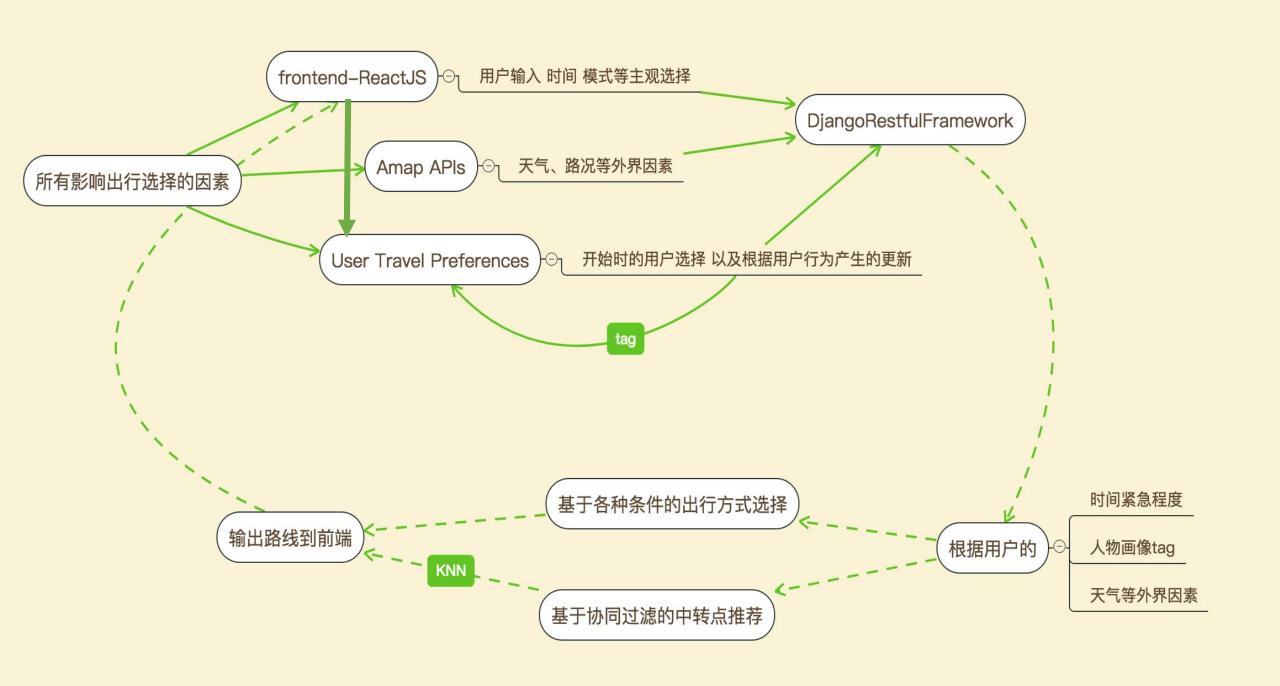
TechCrunch SH 2017 hackathon

Team MFs
Makelife Flexible

Value Proposition

More **Intelligent Customized Multi-Mode** Scheduling

Why We Different

Customization

Have User System and Tags to represent different User Portrait. So we can apply collaborative filtering use these tags and user properties, to find a good transfer points for each route.
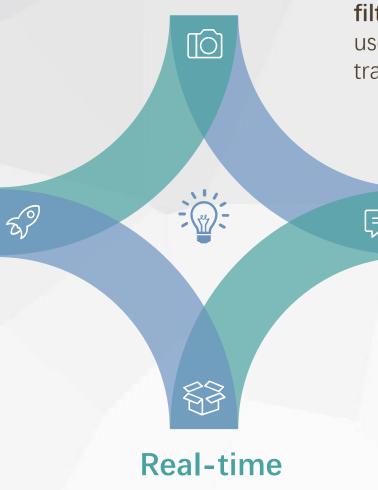
Artificial Intelligence

Recommendation Candidate Transfer Location Based On **KNN and Adam Algorithm due to currently small dataset Will switch to SVM with high-dimensional dataset**

We regular 10k user data and apply the collaborative filtering

Multi-Mode

Travel Mode
Walking
Bicycling
Bus&Metro
Driving
Customizable
We Consider
Weather
Time
Cost
Transportation
Personal Preferences

Real-time

[
    {
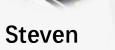   'name': '北京市文物建筑保护设计所',
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['博物馆','桌游店','游乐场','体育场','体育馆']

r_tags =
["保护建筑","游泳馆","中餐","乒乓球馆","星级景点"]

We Are MF

Steven

Jaden

Jeff

Zehra

Isabella

THANKS!