Smart Mobility to AI Business

A short introduction to UCAR’s framework in China

2016年11月15日
Business Review for UCAR & CAR Inc.

- 100,000 Cars in Fleet
- Cover 300+ cities in China
- Largest fleet in China
- Public listed in Hong Kong HKEX & China NEEQ
- On line road data & orders
- EV & mobile workforce dispatching
- Chinese autonomous operation pliot
Improvement of Fuel Efficiency by Machine Learning

- 75% improvement by efficiency
- Prompt POI on mobile for passengers and drivers
- Machine learning to find millions points for pick up/drop off
- 4 calls and 150m of walking ranges for passengers to get on car

50% in order empty run & 35% out order empty run improvement

- Dynamic pricing by prediction
- Demand forecasting by prediction

15 minutes empty run was needed for resource to reach demand
New Focus – Road Data Collection & World Model Perception

Advanced driver assistant
Road semantic API services
Autonomous Vehicle
EV operation

Chinese Model
Deep Learning
Semantical HD map
Mobilization

World model perception
Driving behavior tracking
Road infra detection

Camera
Infortainment
LiDAR
TCU
ECU
Gateway
LIN
Ethernet
CAN
Thank You