Digitalization
Alibaba Cloud’s stories

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Is China able to by-pass US in AI competition?

Bill Gates:
China is unable to shake the leading position in the United States
• First, he believes that the predominance of the United States is still clear. Microsoft, Google and Facebook, as well as some other technology companies, are still leading the world.
• Secondly, in the academic research related to core science and technology, the United States is also in the leading position.

Li Kaifu:
China has delta advantage in AI
• Policy promotion and implementation, top to bottom, national strategy
• Advantage of data, large population and market, more flexible regulation
• Talent pools

Some Facts and Figures:
• China has internet population bigger than US plus Europe together
• Millions of graduates in engineering every year, more than US plus Europe together
• Break-through in verticals like image recognitions start-ups like Shang Tang etc, more advanced than US competitors
• 2017, AI financing total globally, 48% in China and 38% in US
Alibaba Has Taken Advantage of the Internet Development

Total Internet

- 17 mn internet users
- 80 mn internet users
- 298 mn internet users
- 457 mn internet users
- 617 mn internet users
- 649 mn internet users

Mobile Internet

- 617 mn internet users
- 649 mn internet users

Source: CNNIC
Double 11: A Shopping Festival created by Alibaba

**Payment**
- 256K transaction/sec processed at peak

**Delivery**
- 812M delivery orders generated at 11/11/2016 day

**OceanBase**
- 42M database record/sec processed at peak

**Mobile**
- 90% transaction came from Mobile client

**Globalization**
- Consumers cover 225 countries and regions

Alibaba Group achieved $24.7 Billion (168.2 Billion RMB)
Alibaba is the Largest Retail Commerce Company in the World
And we are much, much more than a sales channel
The Way Alibaba Sees Data Intelligence_VIP Strategy
From Single Function to Integrated Brain Capacity

- PAI
- Speech Recognition
- Chatbot Conversation
- Face Recognition
- Image Recognition
- OCR

Event detection
Traffic Recognition
Face Recognition
Image Search
Corn Recognition

ET Brain
Integrated Multiple Parameters in Whole Process Optimization
Case: Big data & AI for “Hangzhou City-Brain”

Alibaba Cloud’s AI and deep learning technologies to support the “Hangzhou City Brain” Master Plan

The “Hangzhou City Brain” supports transportation departments’ efforts to ease traffic congestion and provide users with real-time traffic recommendations and travel routes.

The pilot of world’s most advanced smart traffic management system in the Hangzhou's Xiaoshan District, which started in September 2016, has since seen an increase in traffic speed by 11%.
On-demand Green Wave for Ambulance

No green lights for ambulance

Fragmented Systems
ET Brains from Alibaba Cloud (5 Brains, 11 Verticals and more to come)

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Tianchi Program: Alibaba Eco-system for Data Intelligence

A global contest platform focused on big data

A community of data talents:
- 130,000+ developers
- 3,200+ academic institutes & business groups
- 81 countries and regions worldwide

A provider of professional solutions
Tianchi Business Model

Contestants → Task → Data Scientists → Solution → Product → Customer

- Demand
- Government
- Companies
- Public Sectors

KDD CUP 2017
CIKM AnalytiCup 2017
Future Challenge: Helping Balloons Navigate the Weather
Thank You