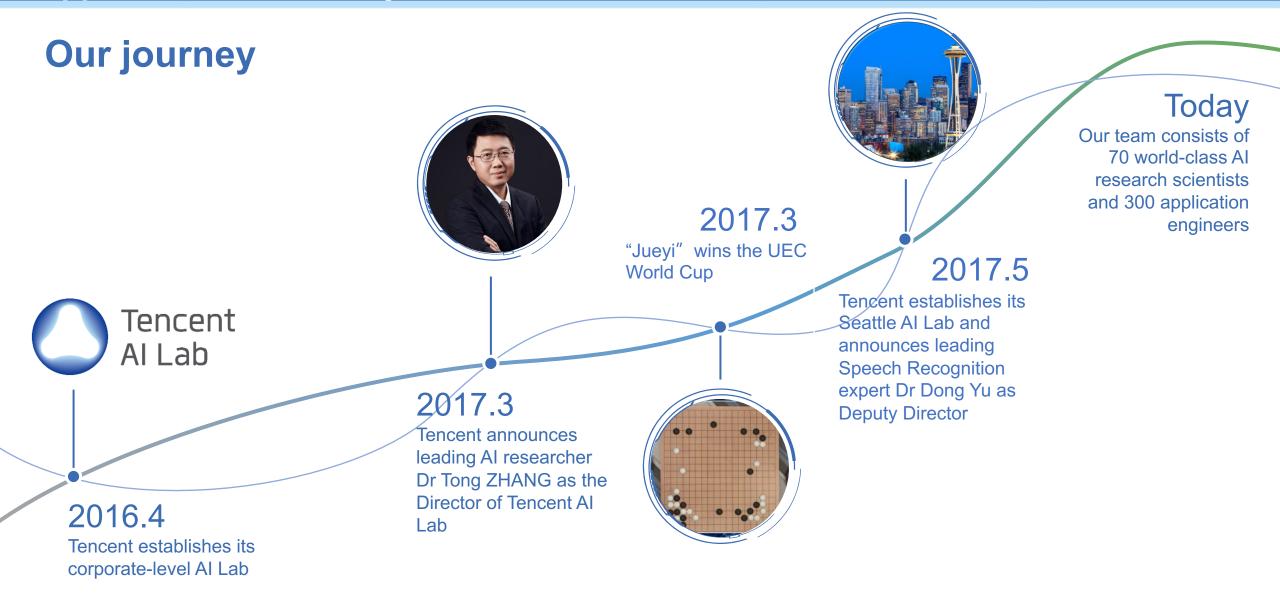


Al technology development and applications in healthcare by Tencent

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Tencent AI Lab focuses on both fundamental AI research and applications in industry





Our mission



- To drive innovative research
- To empower business scenarios

- To build fundamental AI capabilities
- To deliver impacts in industry

Direction	Core capabilities	Application scenarios	
CV Machine learning ASR NLP	Understanding, cognition	Game Al	Healthcare Al
	Inference, decision-making	Content Al	Social AI
	Creation, generation	Robotics AI	

Why Tencent AI lab is interested in AI healthcare



4 major pain points in healthcare...

In light of "Healthy China" initiative, ongoing efforts are in place to tackle challenges in:

- [Resource] Increasing gaps between patients and physicians
- [Quality] Centralized healthcare resources (mostly in big cities)
- [Complexity] Complicated disease diagnostic and treatment processes
- [Cost] Healthcare spending 3.5x during the past 10 years

... are being addressed with recent progresses in Al

Al can help physicians to:



Increase efficiency in routine clinical works



Improve precision in diagnosis and treatment

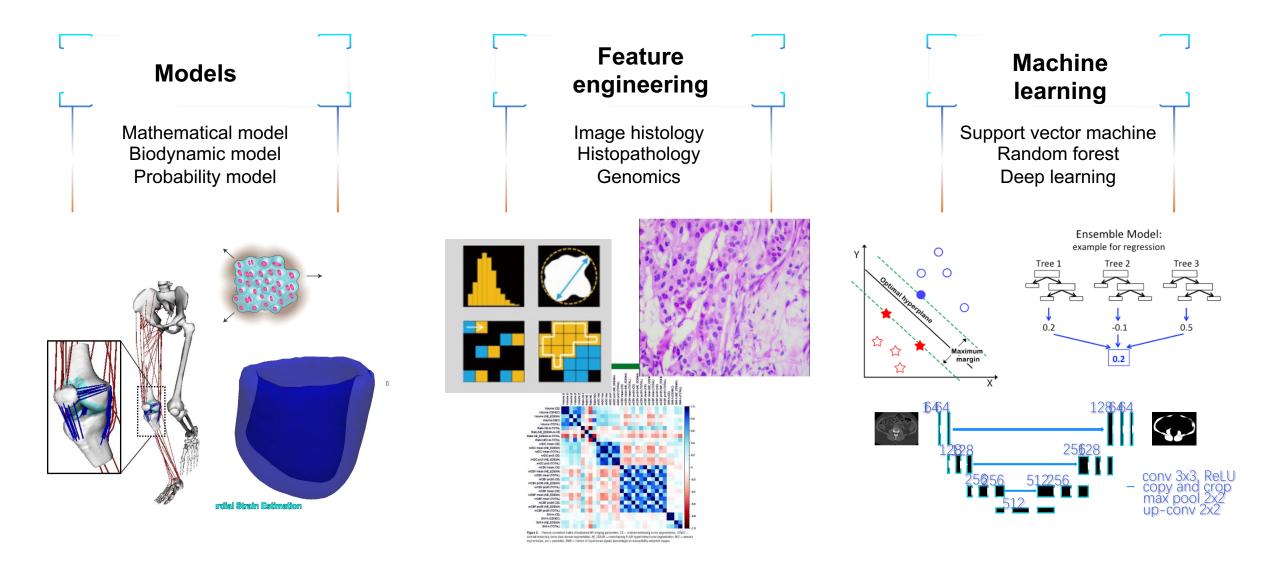


Unlock new capabilities along the clinical

process

Our core approach to bridge AI with healthcare







Medical data

-Non-standard data format -Lack of high-quality data with accurate annotations

Difficulties in integrating into existing diagnosis process and physicians' routine practices

High performance requirement of Al-powered medical products



Thank you