

What is artificial intelligence?





Reasoning

Learn and form conclusions with imperfect data



Understanding

Interpret meaning of data including text, voice, images



Interacting

Interact with people in natural ways

Why now?

Topics ~

Current edition

More V



Regulating the internet giants

The world's most valuable resource is no longer oil, but data

The data economy demands a new approach to antitrust rules



Print edition | Leaders >

May 6th 2017









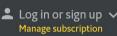




Topics 🗸

Current edition

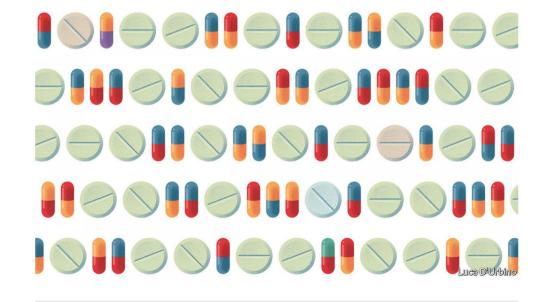
More ~



Data and medicine

A revolution in health care is coming

Welcome to Doctor You



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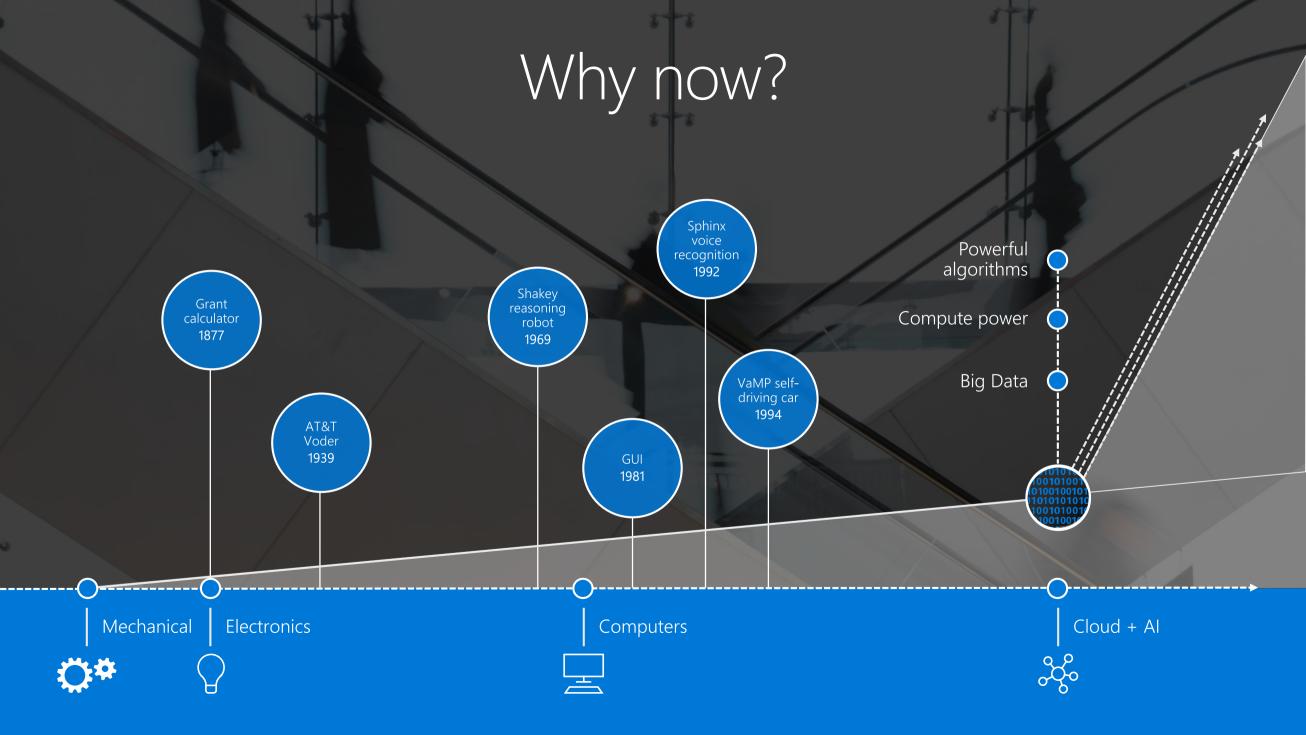
Feb 1st 2018











Al in Healthcare?

Explore top use cases within clinical and operational analytics:

Clinical Analytics:

Transform data into prescriptive insights

Operational Analytics

Gain actionable insights to optimize performance



Half of us will be diagnosed with cancer

Half of those will need radiotherapy

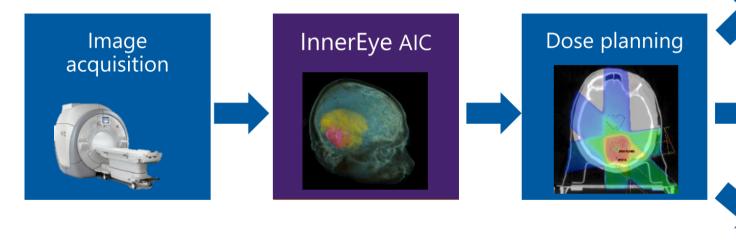
It takes hours for each patient

How can Al help?



Project InnerEye – Advanced Image Contouring

The clinical workflow



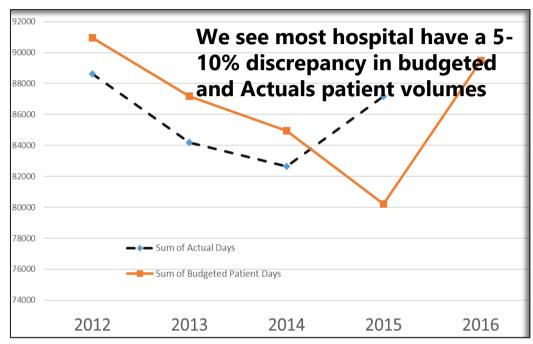
InnerEye AIC slots in seamlessly within existing clinical workflows and creates immediate value



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Better Volume Forecasting with Machine Learning



- This leads to low probability of reacting operationally
- Hospitals are focused on getting better prediction models and Azure ML provides an alternate that we have successfully used

Budget Process vs Predictive Model Process



Current Manual Process

- Labor intensive
- Once a year
- Forecast 12 months

Using ML Model

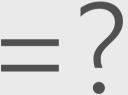
- More consistent
- Takes an hour for one person to run
- Can be more automated
- Monthly, quarterly, yearly forecasts
- Can run as frequently as necessary
- Can forecast 18 months out

Al is a journey



Does more spent on EMR = more health?







The ROI is in the data!



Thank You