



BitTiger

来自硅谷的终身学习平台

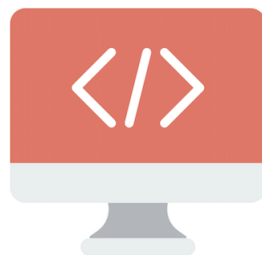


BitTiger's Mission:

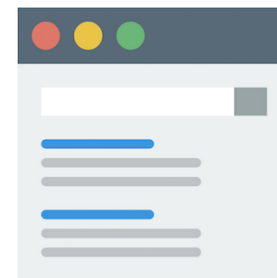
Cultivate and equip the next generation of professionals with the resources needed to tackle the world's most pressing challenges.



Big Data



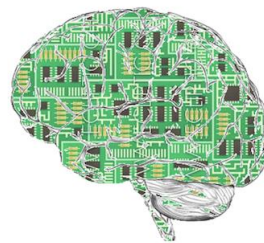
Full-Stack



UX/UI Design



Data Science



Artificial
Intelligence



Product Management

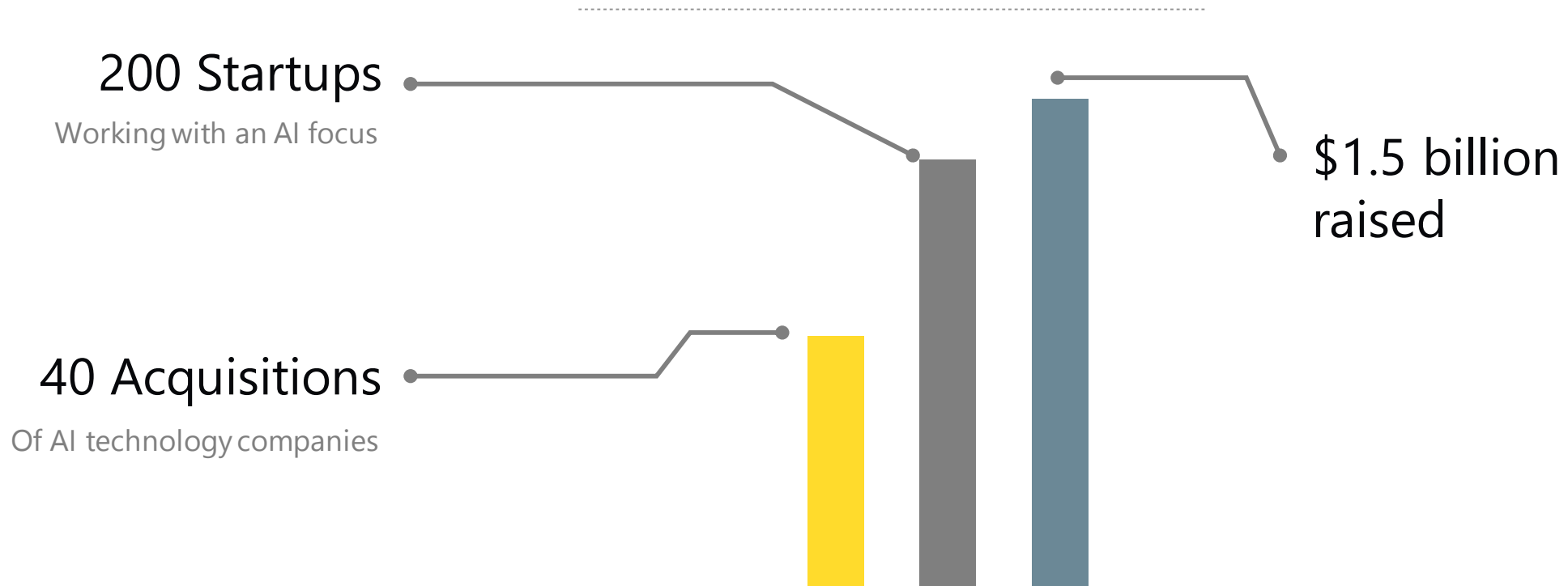


AI in 2017



US AI Investment Last Year

2016



Increase in AI Open Source

- “TensorFlow” by Google
- “Deeplearning4j” by Skymind
- “H2O” (used by Capital One, Cisco, PayPal and others)
- “MLlib” by Apache Spark
- “PredictionIO” (recently acquired by Salesforce)
- “Caffe” deep learning framework

Big Data Still King

- Facebook/WeChat – know what you like and what you say
- Google/Baidu – what you want to know
- Google Express – “free delivery” but valuable data about buying
- Amazon Go – similarly will track what you buy
- Alexa platform – collect data in the home
- And many many many other ‘free’ offerings have been collecting data for years.



- Mathematical background extremely attractive to AI employers
- Mix of data science, computer science needed
- Employers only want the best candidates, but will pay accordingly
- Startups may not be able to offer as much cash, but will offer significant stock awards to qualified engineers



Big AI Growth Areas of 2017

Personal Assistants, Chatbots

- Seeing a big increase of Chatbot technologies on Slack, WeChat, and Facebook, in addition to big players like Siri, Okay Google, VIV
- Personal Assistant platforms like Amazon's Alexa and Microsoft's Cortana open up to third parties



Autonomous vehicles

- Waymo is testing their self-driving prototypes 24/7 – Uber already testing self-driving taxis with riders
- Hardware ecosystem built up over the last several years, from NVIDIA GPUs to Velodyne LIDAR.
- Startups like Vector.AI fueling innovation in the AI space



White collar job automation

- IBM Watson replaced 34 human insurance workers in January
- Customer service using Watson and similar services to analyze customer sentiment
- Bridgewater (largest hedge fund) developing algorithms to replace middle management decision-makers
- Lawyers – much of the law can be codified and automated via legal ontologies
- Journalism – Forbes and Associated press already using AI bots to write stories.

- Investment steadily increasing in the space – investors see AI as giving companies a long-term competitive advantage
- The tools are out there and open source, its up to you to correctly apply them to the problem at hand
- Big data still king for serious AI
- Personal assistants, autonomous vehicles, and the automation of white collar jobs are three trends to look out for this year.

Thank You Beijing!