Role of Universities in Innovation Economies

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Pivotal Role of Universities

Marc Andreessen Of Netscape, Andreessen-Horowitz:

Universities > tech competencies
Governments > “regulatory competitive advantage”

Sam Altman, Y Combinator: “Moonshot” science startups

Silicon Valley

Stanford University Study

1930s-2012: 39.9K companies > 5.4M jobs > $2.7T worldwide

Silicon Valley Index 2015 > 58K new jobs in 2014

State of CA

7th largest economy

High tech jobs > 15.7% of economy in 2014

Silicon Beach - Startups and Surfing

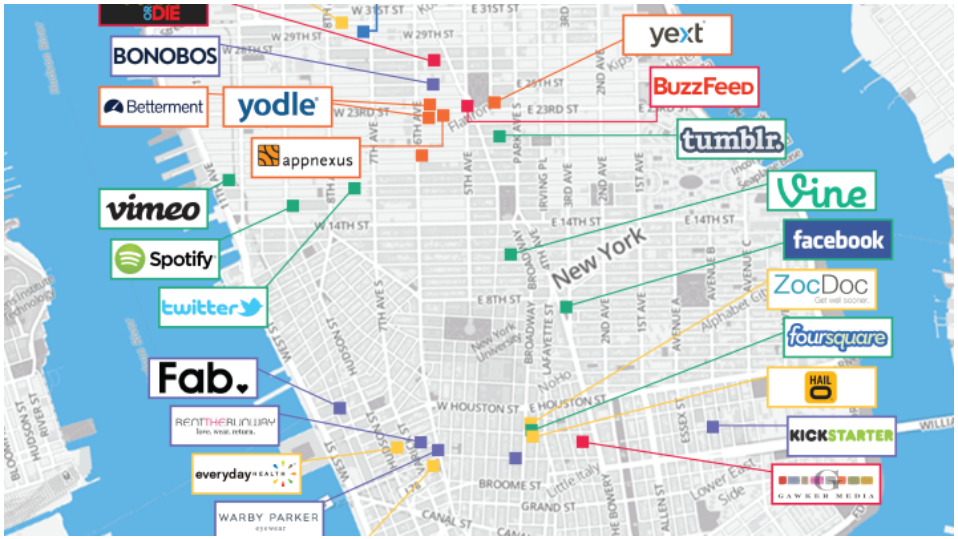
Peter Thiel, Paypal
Region underestimated

Los Angeles Innovation Ecosystem
Tech sector drives 15% of jobs

Technology. Entertainment. Commerce.
SILICON BEACH @USC

Startup UCLA

Silicon Alley – New York City



CORNELL NYCTECH

Tech sector > major economic driver

900 tech-related businesses & startups

13% of US data science jobs

Jobs grew 179% since 2003

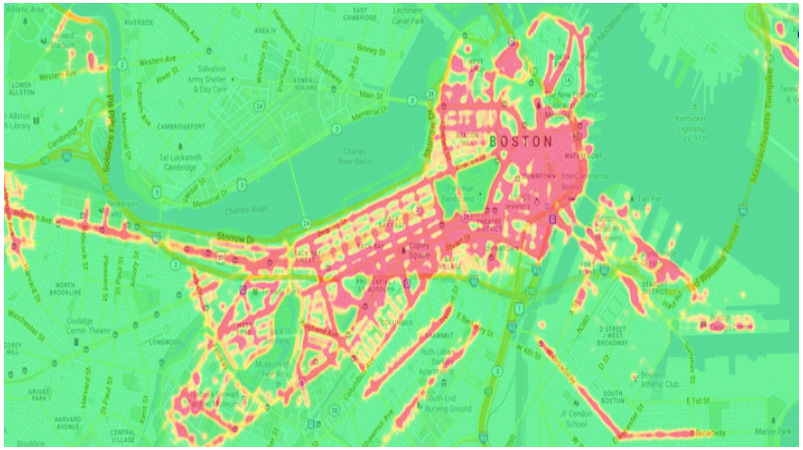
Innovate mature industries

Boston: Data Is The New Currency

MITbigdata LIVINGLAB

bigdata@CSAIL
MIT BIG DATA INITIATIVE

Take Me To City of Boston Hackathon



MIT White House Big Data Privacy

China National Investment in Big Data

“Twin engine” of China’s economic growth

IT revenue up 11% in 2014

Teach entrepreneurship

Universities + High Tech Parks + Incubators

Foreign Experts Fellowships

Z Science Park Beijing
China’s “Silicon Valley”

Guy Kawasaki's Advice to Entrepreneurs?

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PROTOTYPE!

Thank You * Hvala * D'akujem

China Economic Daily Big Data changing our lives

China Trade Journal
How Cloud Can Power Economic Growth & Urbanization In China

Report
How Cloud Is Fueling Job Growth in U.S.

Video
Will Cloud Computing *Really* Be Bigger than The Internet?

Radio
Job Forecast: Bright Skies in the Cloud

Blogs Forbes.com ASUGNews.com

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