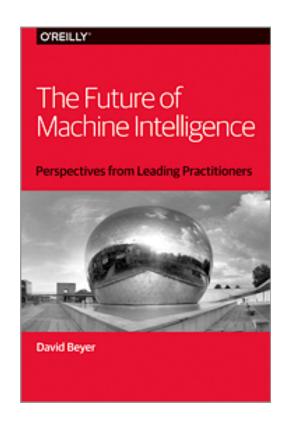
About Me



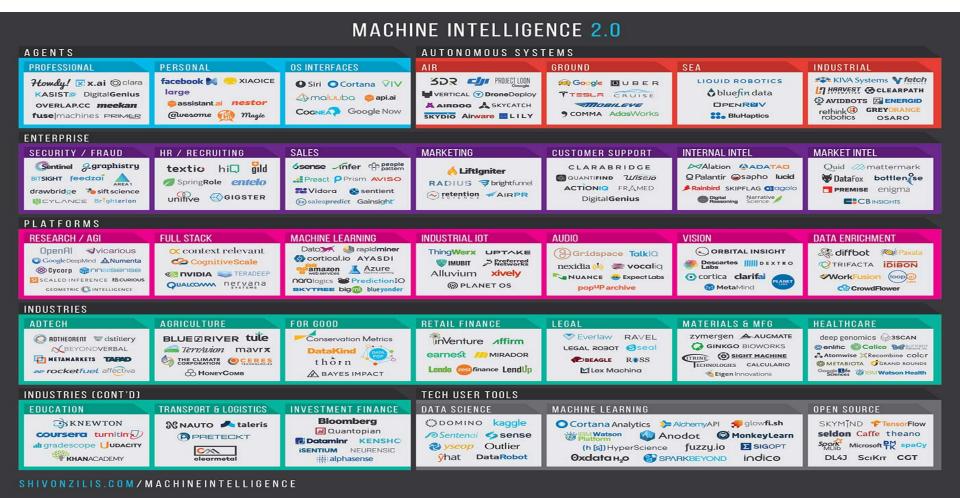
CHARTIO







A Dizzying Landscape





Source: Shivon Zillis, Bloomberg Beta

VCs Ramping Up

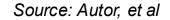
Artificial Intelligence Global Quarterly Financing History





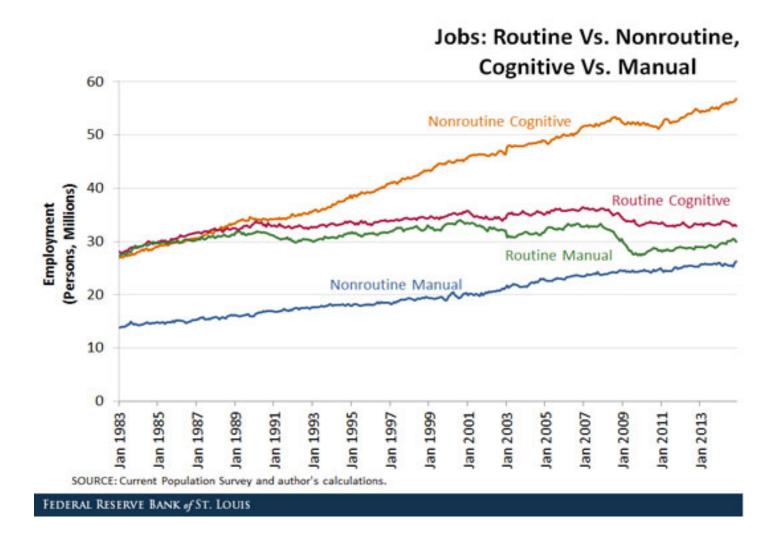
What is Work Anyway?

| | Routine | Non-Routine | |
|-----------|-------------------|-------------|--|
| Cognitive | Office Assistants | Managers | |
| | Sales Agents | Creatives | |
| | | Engineers | |
| | | Health Care | |
| Manual | Construction | Waiters | |
| | Mechanics | Security | |
| | Assembly Line | | |





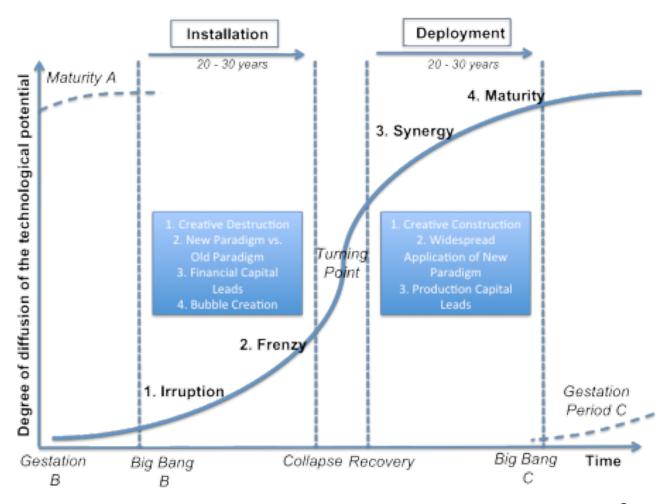
From the IT Revolution to Something New?





The Age of Machine Learning is upon Us

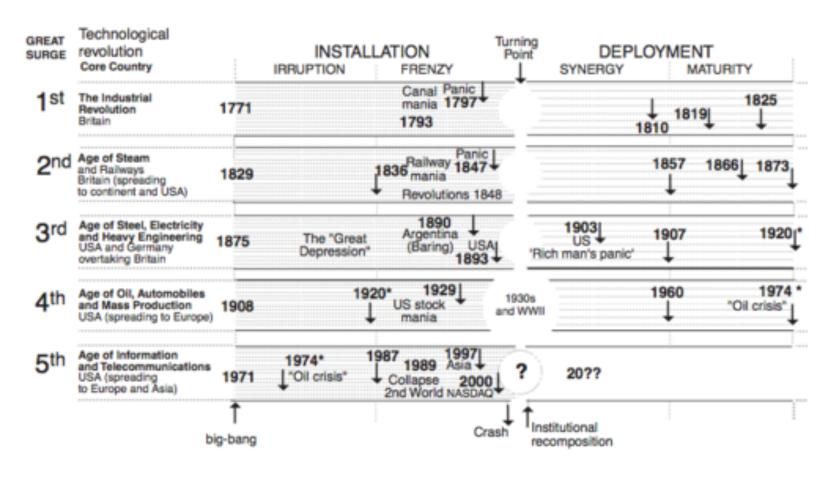
Perez Technological Surge Cycle





Source: avc.com

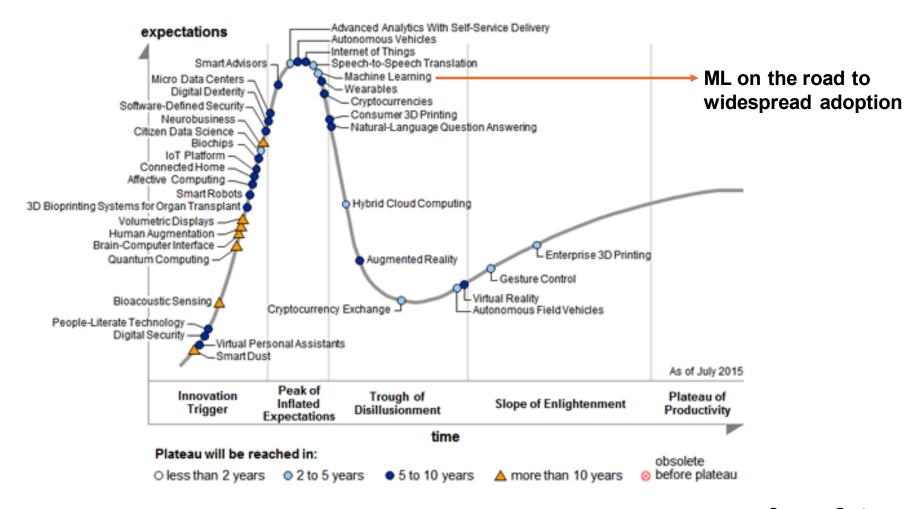
The Historical Context for Machine Learning





Source: Technological Revolutions and Financial Capital

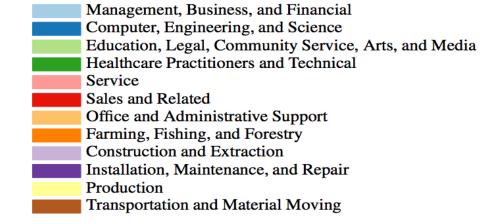
Enterprise Adoption Moving Fast (Sort of)

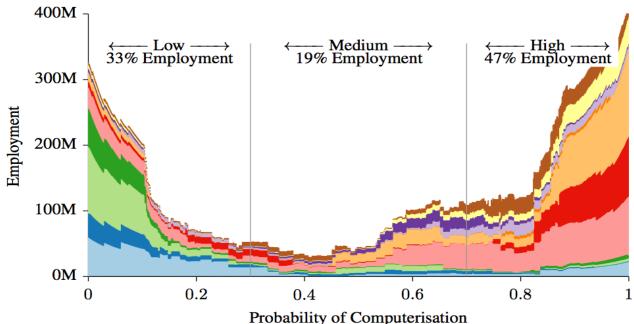




Source: Gartner

Automation Risk







Source: Osborne et al

Automation Risk

High Risk

Accommodation/Food Services (86%)

Transportation/Warehousing (75%)

Real Estate (67%)

Wholesale Trade (66%)

Administration (65%)

Manufacturing Construction (62%)

Low Risk

Information (10%)

Management (11%)

Forestry/Hunting (12%)

Education (17%)

Government (23%)

Utilities (31%)

Professional science (35%)



Source: Osborne et al

The Final Frontier?

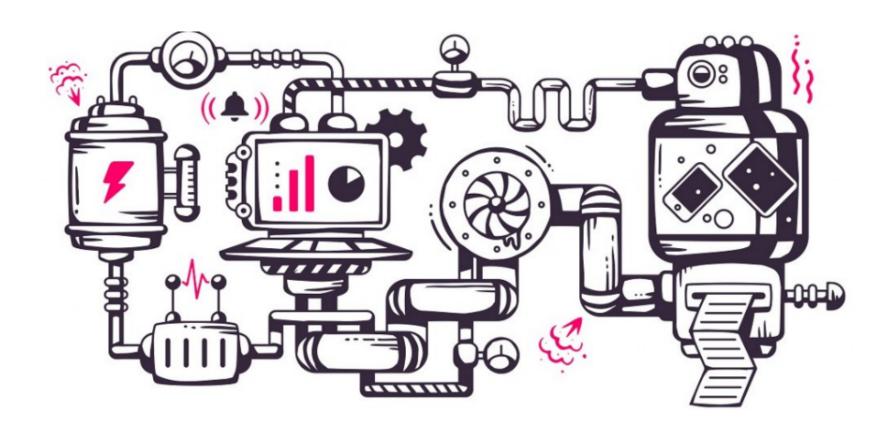
| Computerisation bottleneck | O*NET Variable | O*NET Description |
|-----------------------------------|--|---|
| Perception and Manipulation | Finger Dexterity | The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects. |
| | Manual Dexterity | The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects. |
| | Cramped Work Space, Awkward Positions | How often does this job require working in cramped work spaces that requires getting into awkward positions? |
| Creative Intelligence | Originality | The ability to come up with unusual or clever ideas about a given topic or situation, or to develop creative ways to solve a problem. |
| | Fine Arts | Knowledge of theory and techniques required to compose, produce, and perform works of music, dance, visual arts, drama, and sculpture. |
| Social Intelligence | Social Perceptiveness | Being aware of others' reactions and understanding why they react as they do. |
| | Negotiation | Bringing others together and trying to reconcile differences. |
| | Persuasion | Persuading others to change their minds or behavior. |
| | Assisting and Caring for Others | Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients. |



11



Re-structura-bility





A Startup Taxonomy

Panopticons



Lasers



Alchemists



Gateways



Agents



Magic Wand



Navigator



Pioneer



Source: http://techcrunch.com/2015/11/26/machine-intelligence-in-the-real-world/



The Venture Capital Perspective

Technical talent Potential for Strong defensible domain expertise

Other considerations:

- Tackling a well-defined problem
- Data assets from go-to-market accrue to adjacencies
- Time to value shortens at scale



Giants among Us









Exciting Opportunities across the Board

Health Care



Oil & Gas



Transportation



Agriculture



Legal



