





Disrupt or Disrupted
Innovate or Die

Examples

How AI Is Used

Retech



Autotech



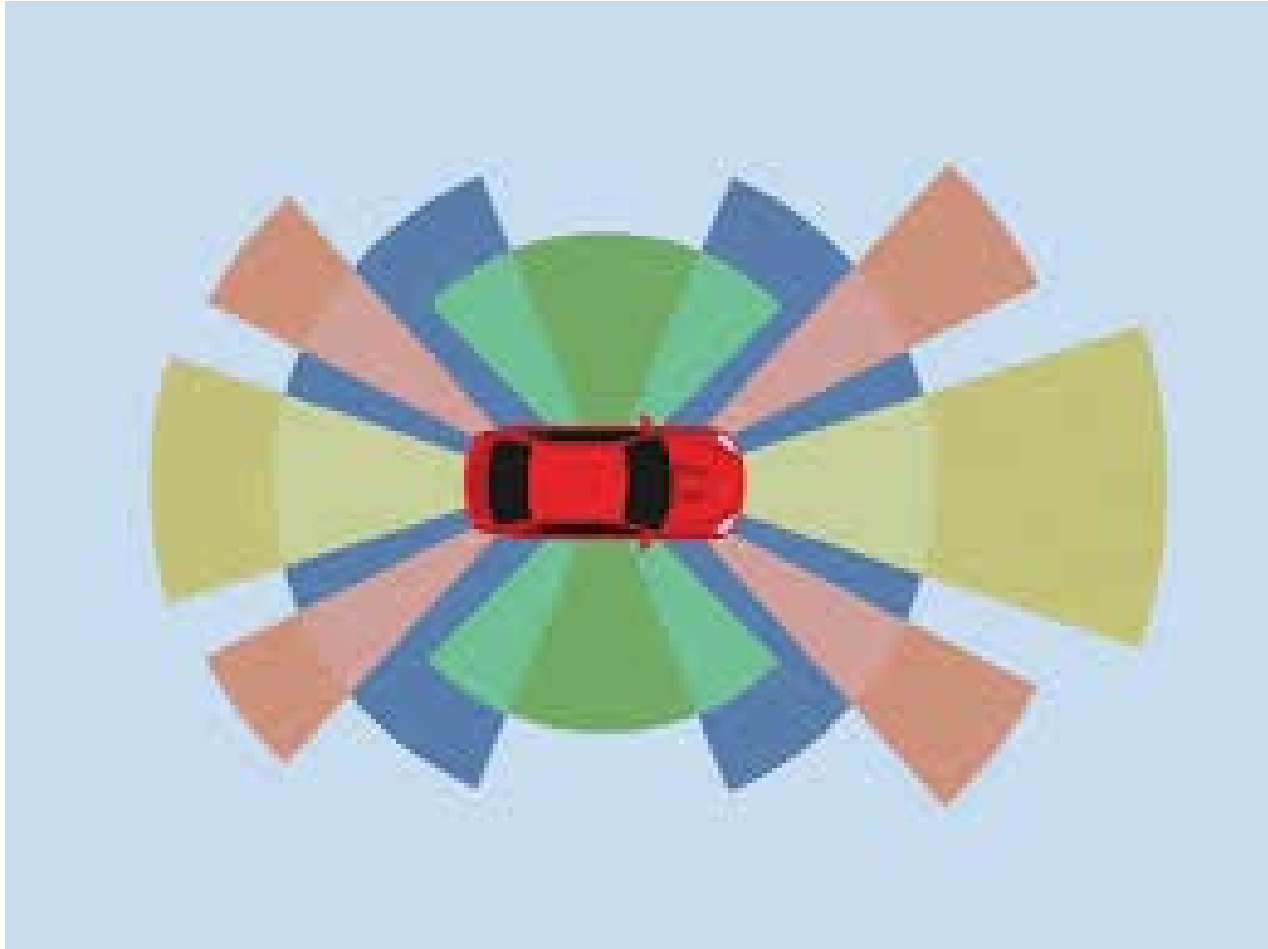
Self-driving Car

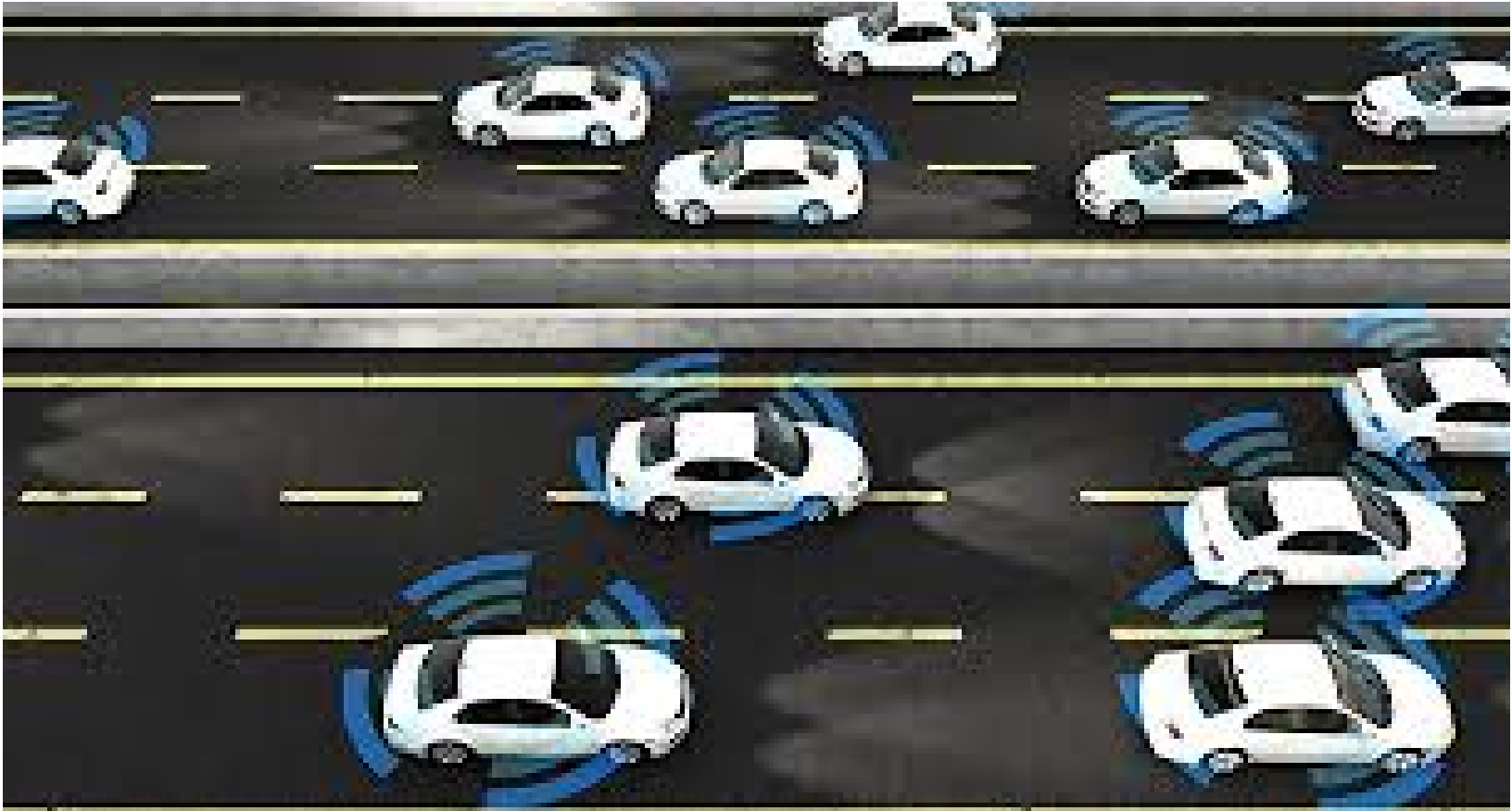


Not Just Gas to Elect.

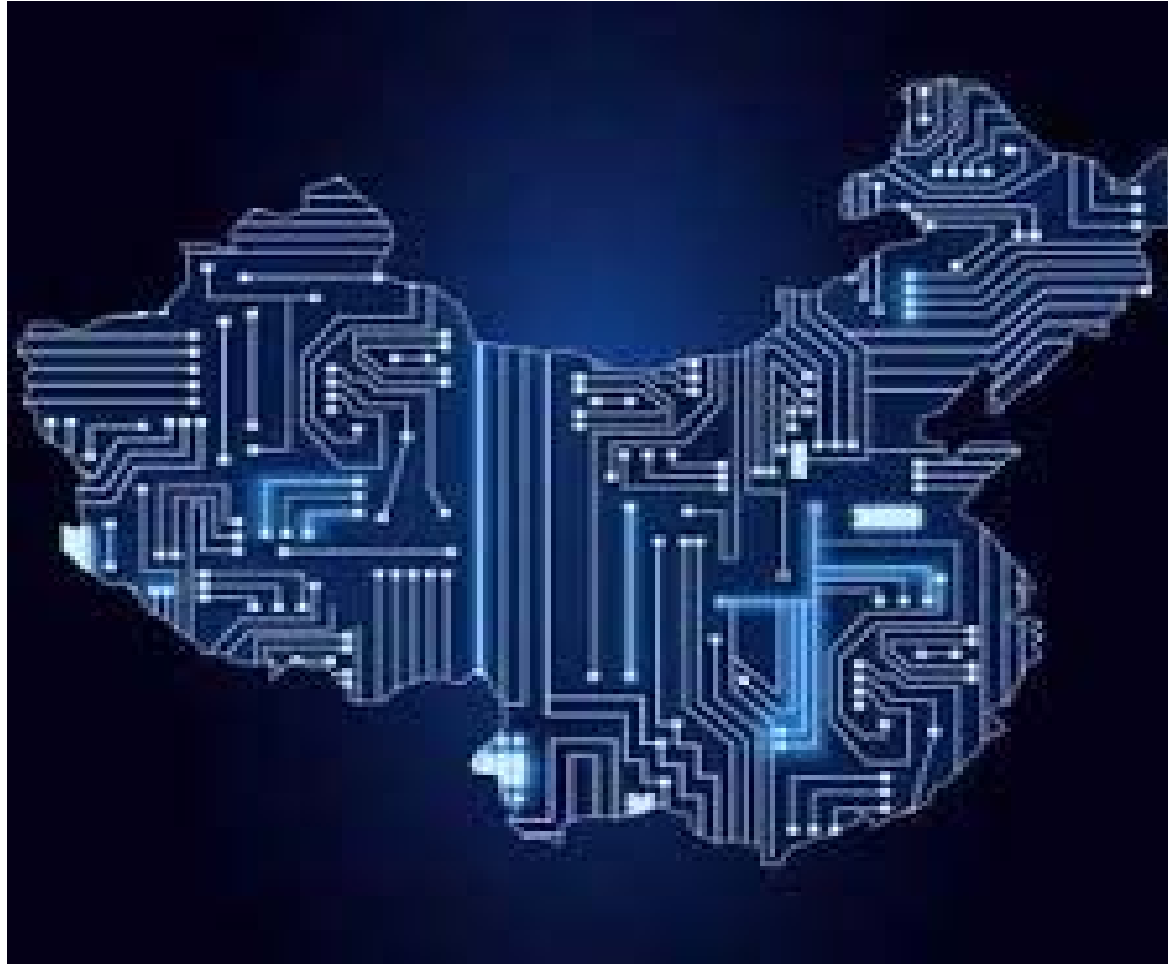
Buy service not cars

Available on demand





China: Leader in AI?



People Caught J-Walking



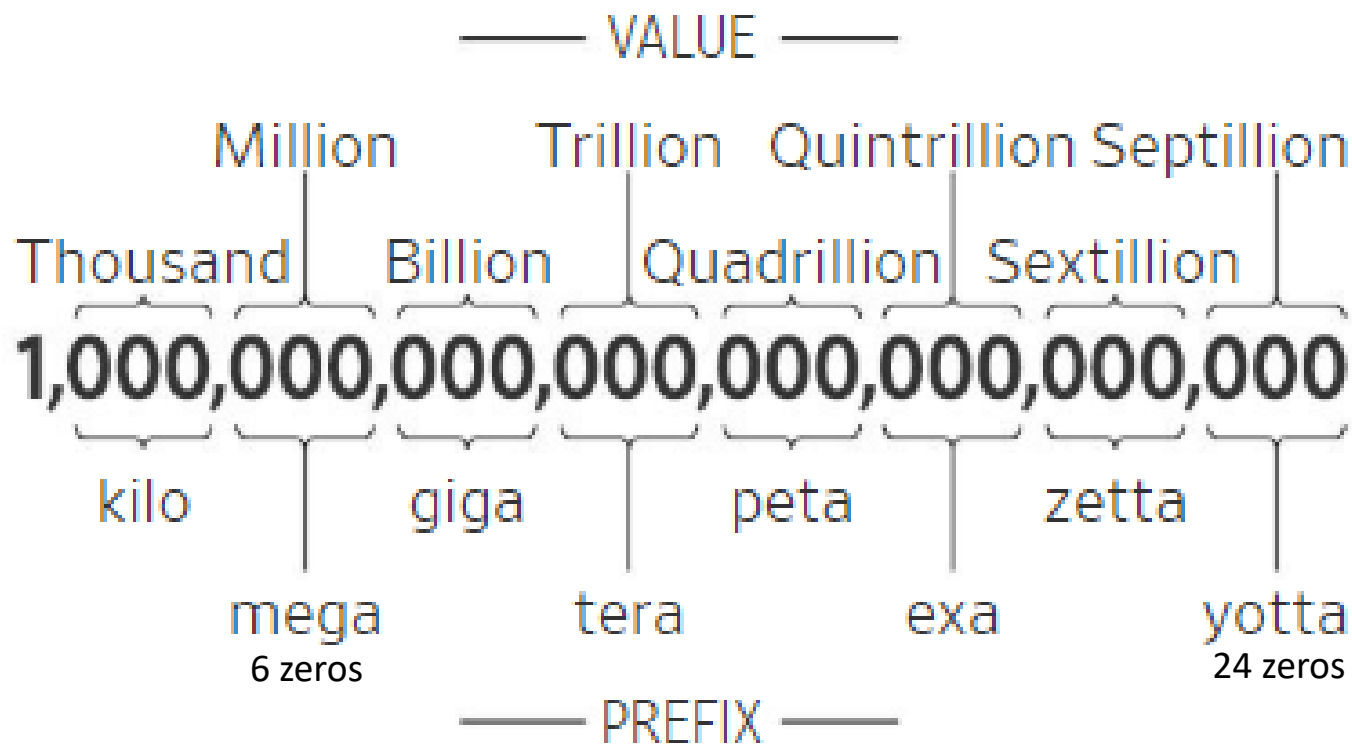
To Win Space Race

Fast Chips

Big Data

*cross-device tracking technology to find related computers and other devices to push ads





Source: National Institute of Standards and Technology

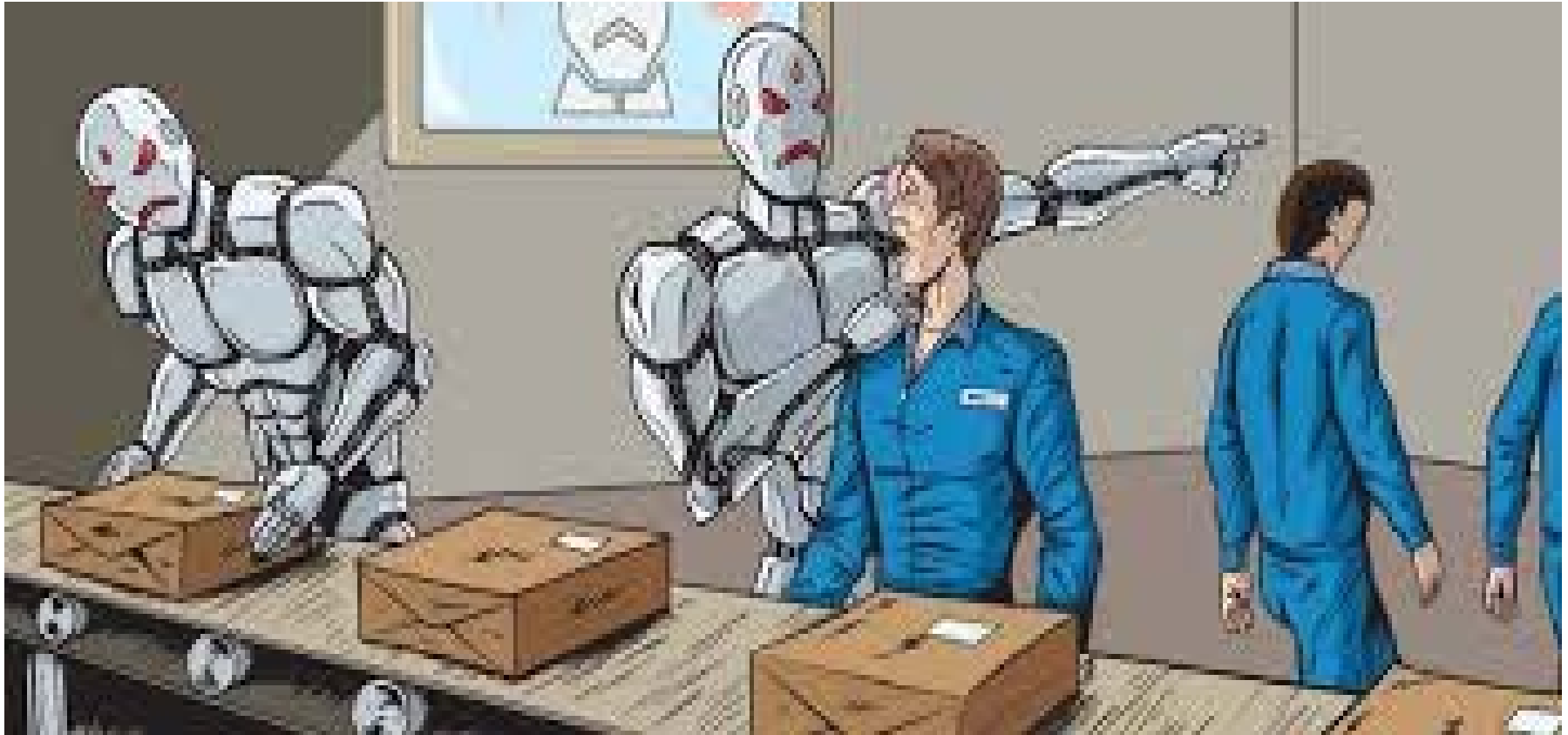


The six Vs of big data

Big data is a collection of data from various sources, often characterized by what's become known as the 3Vs: *volume, variety and velocity*. Over time, other Vs have been added to descriptions of big data:

VOLUME	VARIETY	VELOCITY	VERACITY	VALUE	VARIABILITY
The amount of data from myriad sources.	The types of data: structured, semi-structured, unstructured.	The speed at which big data is generated.	The degree to which big data can be trusted.	The business value of the data collected.	The ways in which the big data can be used and formatted.
					

AI Replacing Jobs?



Lose Jobs by 2033

Telemarketers 99%

Sports Referee 98

Cashier 97

Chefs 96

Waiters 94

Paralegal 94

Tour guides 91

Bakers 89

Bus Drivers 89

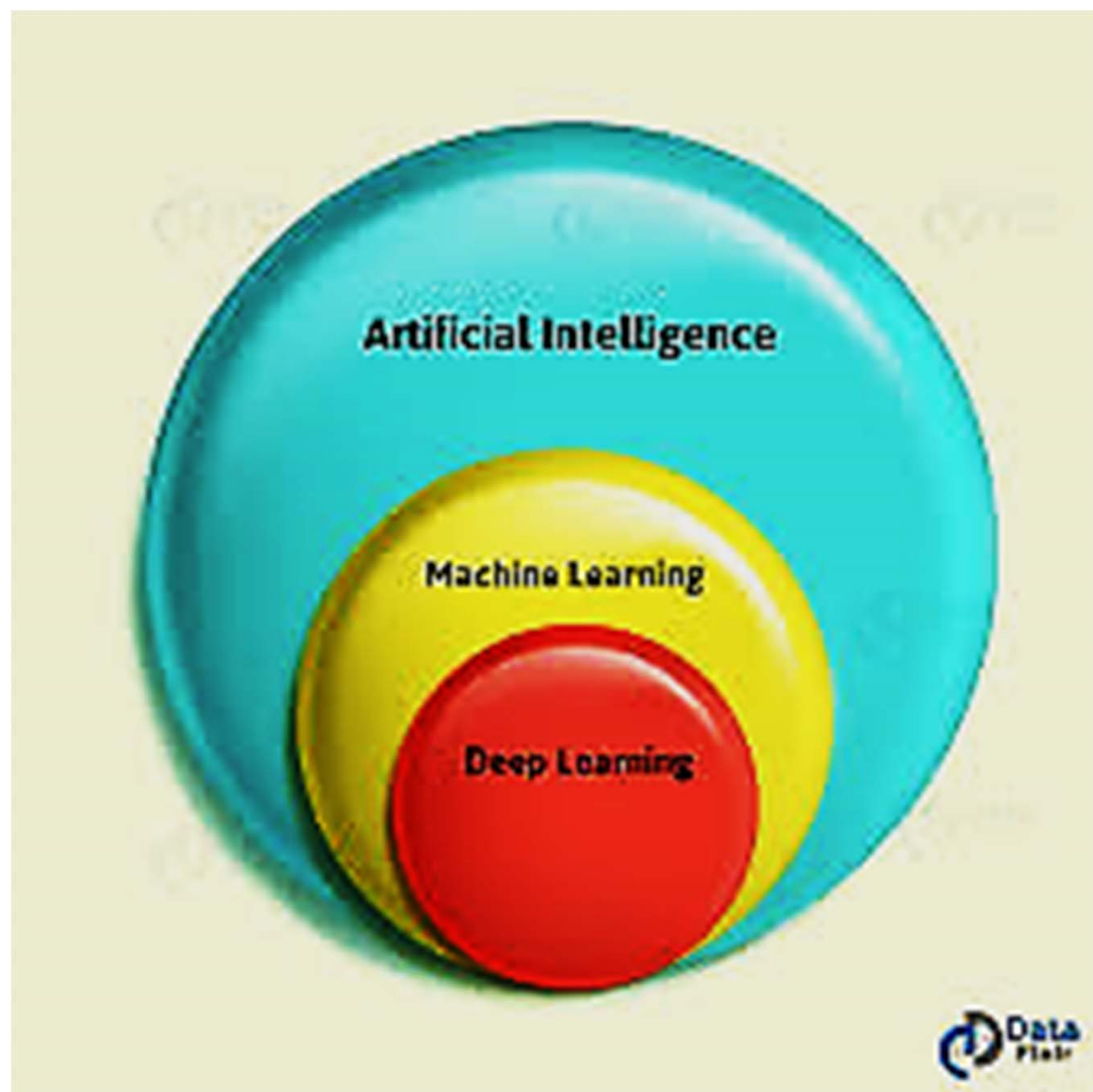
Const. Workers 88

Security Guides 84

Carpenters 72

Education





Top 10 Use Cases for Data Science & Machine Learning



HEALTHCARE:
Patient Diagnosis



FINANCE:
Fraud Detection



MANUFACTURING:
Anomaly Detection



RETAIL:
Inventory Optimization



GOVERNMENT:
Smarter Services



TRANSPORTATION:
Demand Forecasting



NETWORKS:
Intrusion Detection



E-COMMERCE:
Recommender Systems

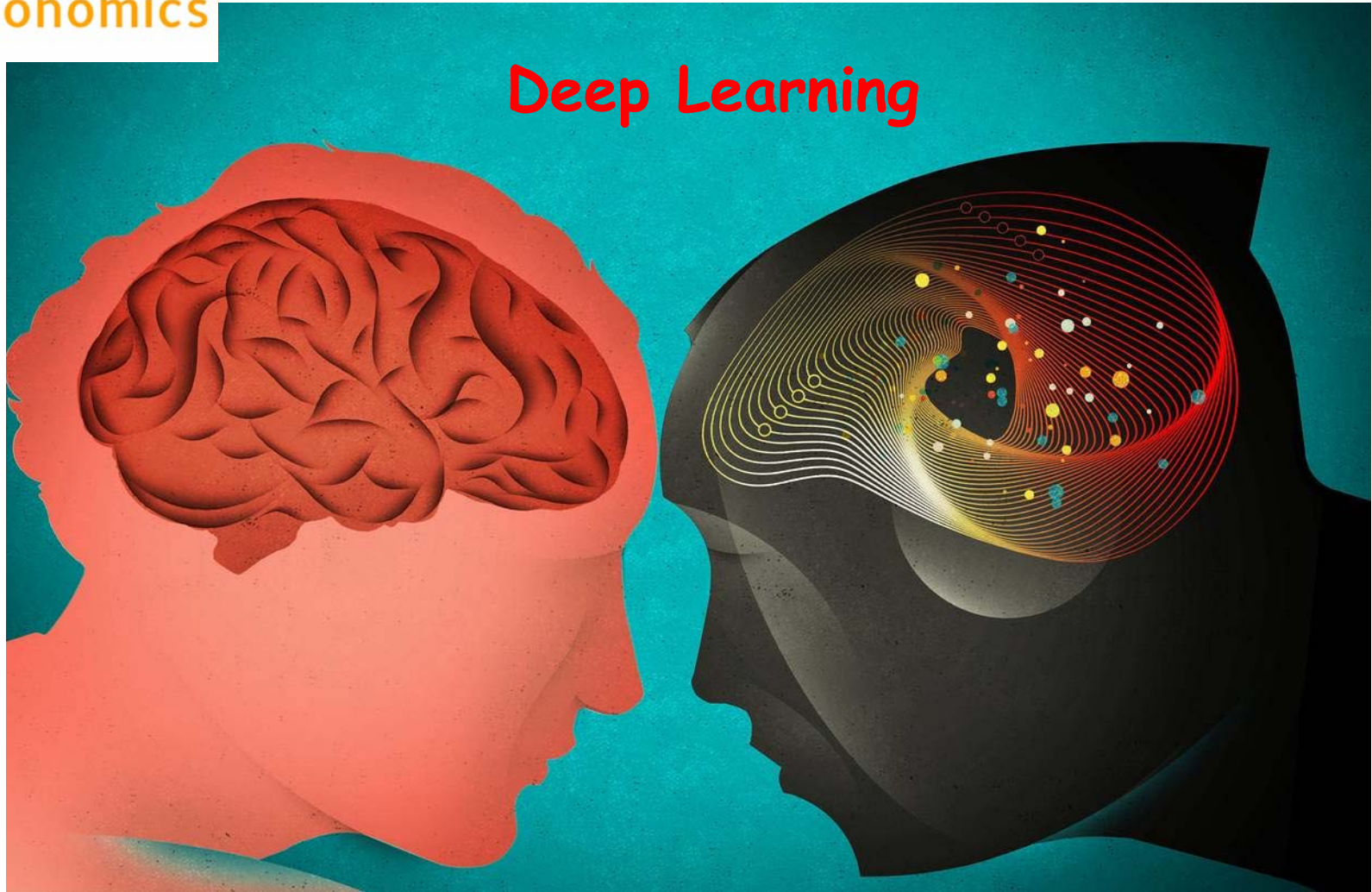


MEDIA:
Interaction & Speed



EDUCATION:
Research Insight

Deep Learning





Technology

Existential Issue

Megatrend

Miss Opportunities

Swept Aside