Introduction to AI

AI value creation
by 2030
$13 trillion

	USD
Retail	$600 B
Travel	$466 B
Transport & Logistics	$419 B
Automotive & Assembly	$448 B
Basic Materials	$366 B
Adv Electronics/semi conductors	$291 B
Healthcare systems and services	$461 B
High tech	$441 B
Telecom	$174 B
oil & gas	$173 B
Agriculture	$164 B

Demystifying AI

AI

ANI
(Artificial Narrow Intelligence)
eg: Smart speaker, self-driving
car, web search, AI in farming,
and factories

AGI
(Artificial General Intelligence)
Do anything
human can do

What you'll learn: Machine Learning
Data
What makes an AI Company
What machine learning can
and cannot do
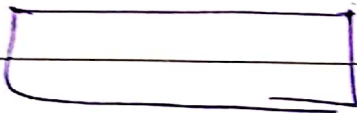Optional: Intuitive explanation
of deep learning

Building AI projects
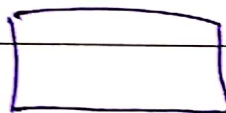Building AI in your company
AI and society

Building AI Projects
Job functions

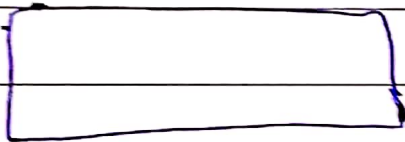### Data Science

| visit website | products | | Machine Learning |

	Name	title	Size	Priority
	CEO			high
	Mgr			med
	filer			low

Shopping cart

checkout

Automated
lead sorting

optimize sales channel

| Data Science | | Machine Learning |

Mix clay → shape mug → Add glaze

→ Fire kiln → Final Inspection

OK   OK   defect
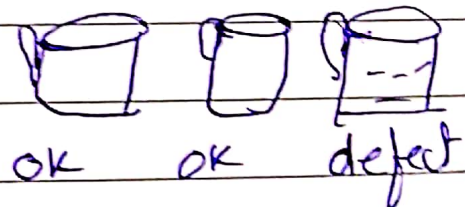
optimize manufacturing line ↓ Automated visual
inspection

Recruiting

DS

Email
Outreach

phone
screen

onsite
interview

offer

optimize recruiting funnel

ML

[Resume] → yes
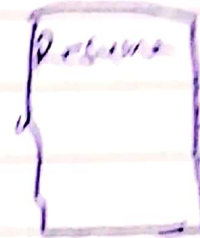
[Resume] → No

Automated resume screening

Marketing

DS

[Red]   [Red]

A   B

A/B testing

ML
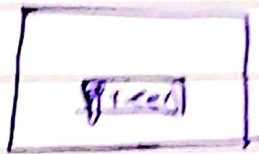
Recommendation
engine

Agriculture :

DS

0 1 1 1 1

crop analytics

ML

precision weed killing

AI application videos:
    Crime research.