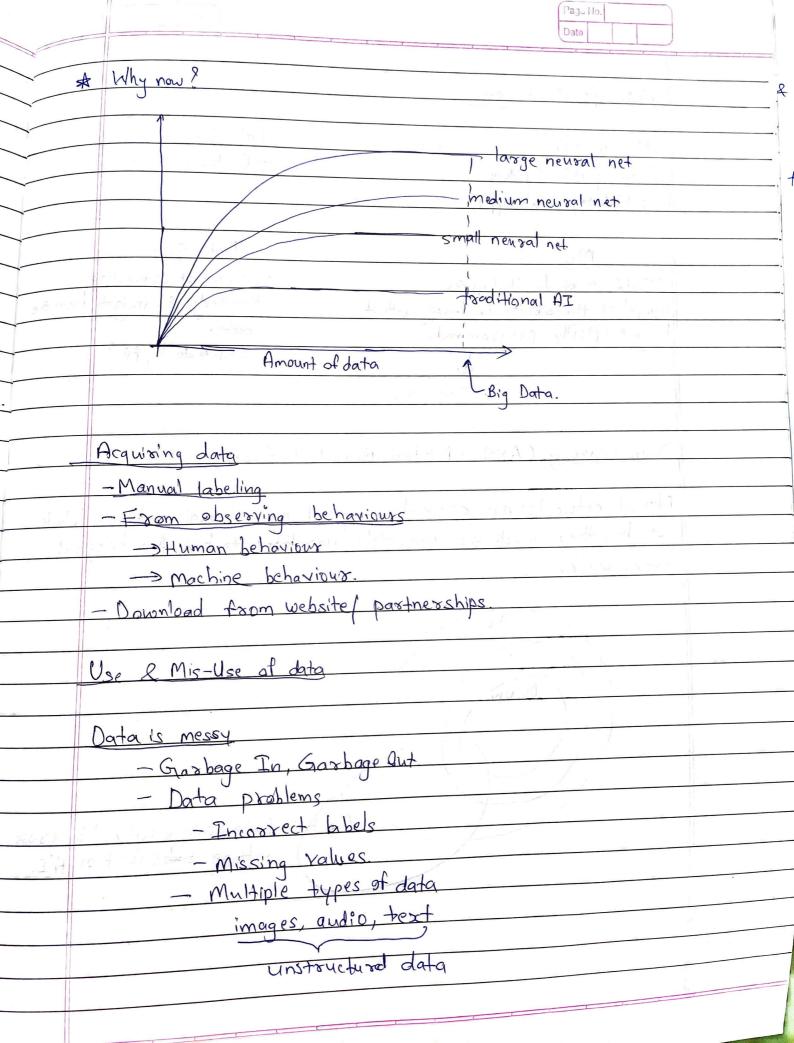
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	M.L VS Data Science	
	ML:A → B Data Sor	nce
	Running AI system > Conclusion	ons Statistics.
	Running AI system > Conclusion  (eg. Website   mobile app)	
	MI Data	Science
	"Field of study that gives > Science of	of extracting
	computers the ability to learn without knowledge	& insights from the
	being explicitly programmed.	
	CS/sole d	eck, PPT)
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	Deep Learning (ANN -) Astificial Neural Network)	in swamp of I
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	Neural networks are originially inspired by the brain of how they work are completely unrelated to how	the biological
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1 4 5	And the state of t	
1. Execu	the pilot projects to gain momentum.	
2. Build	an in-house AI team.	
3. Provi	ide broad AI strategy.	
4. Dovelo	on an AI strategy	_
E Devi	elap internal and external communications.	
5. 200		
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what	makes ML problem easier	
1. Learn	ring a " simple" concept.	
2. Lots	of date available.	
	the transfer of the second	

	Self driving cor
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	, Recognise position of car where it is & low how long it is took
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	Can't do manione de la contrata del contrata del contrata de la contrata del contrata del contrata de la contrata del contrata del contrata del contrata de la contrata del contrata dela contrata del contrata del contrata del contrata del contrata de
	-> Person who making gesture to stop the car.
	-> Person who is siding motorcycle and giving gestures
	to go left.
	X-Ray diagnosis
	<u>Can do</u> <u>Can't do</u>
	Diagonse Preumonia from — Diagnose preumonia from to
	lok labelled images of medical textbook chapter explaining preumonia.
	chaptes explaining preumonia.
	ml tends to work poorly when?
	1. Learning complex Concepts from small amounts of data,
	2. It is asked to perform on new types of data.
A	Clarding on AT marin
*	Starting an AI project
	- Workflow of manhine learning project.
	- Selecting AI projects - Organizing data and team for the projects
	O & Jan 2119 dala and train to a the projects
$\Rightarrow$	Key steps of ML project
, ,	Echol Alexa
	1. Callect data.
	2. Train Model
	Therate many times until good enough.
	3. Deploy model
	- Gret data back
	- Maintain Update Model.

		Data
	> Optimizing 'Sales tunnel	
	Visit Product	
	Visit > Product > Shopping	-s Checkout
	Cart	
	1. Collect data	- 1
	2. Analyse data	
	>Therete man !	
	3- Suggest Mundback All	good insights.
	B- Suggest Hypothesis Actions.  Deploy changes	
	>Re-analyze new data	0.00-110-11
	The data	e stodically.
N <sup>(8)</sup>	Technical diligence	Business diligence
	-Can AT meet decised	- Lower costs
	pe atormance.	- Increase Revenue
	1 1	The state of the s
	- How much data is needed.	- Launch new aroduct or
	- How much data is needed Enginezering timeline.	- Launch new product or business.
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	- Enginerating timeline.  AI technical took:  ML frameworks  - Tensorflow  - PyTorch  - Keras  - MX Net  - CAffe  - Paddle Paddle	Research publications  - Arxiv

1		
	Ex. Roles	AI:
		· Camputer Vision
	· Software Engineer	- Image classification
	· Machine learning engineer.	- Image classification - Object detection
	· Machine Learning Research.	- Image segmentation
	· Data Scientist	- Tracking
	· Data Engineer	ONLP
	· A I product manager	· Teach classification.
		- Sentiment recognition
		· Information retaileval
	A Parakasar on a laboration to service	· Name Intity Recognition.
		· P-O-S tagger
		(Part of speech)
,	kennel time	· Speech
		· Robotics
	I de la companya de l	