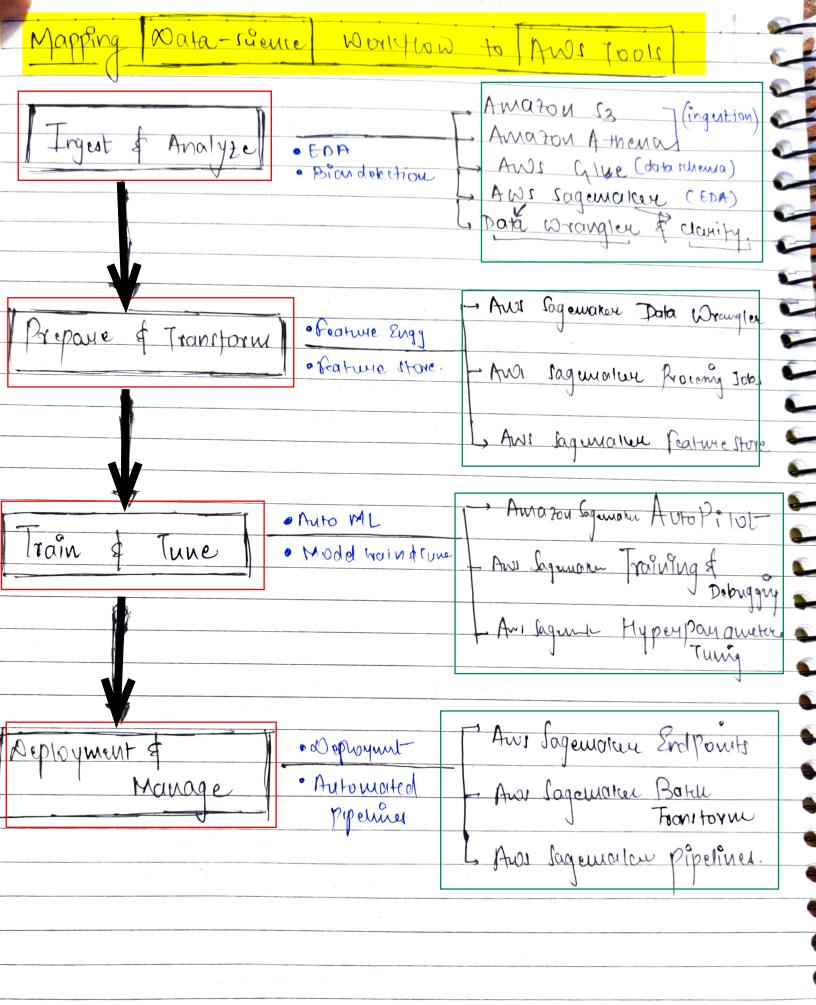
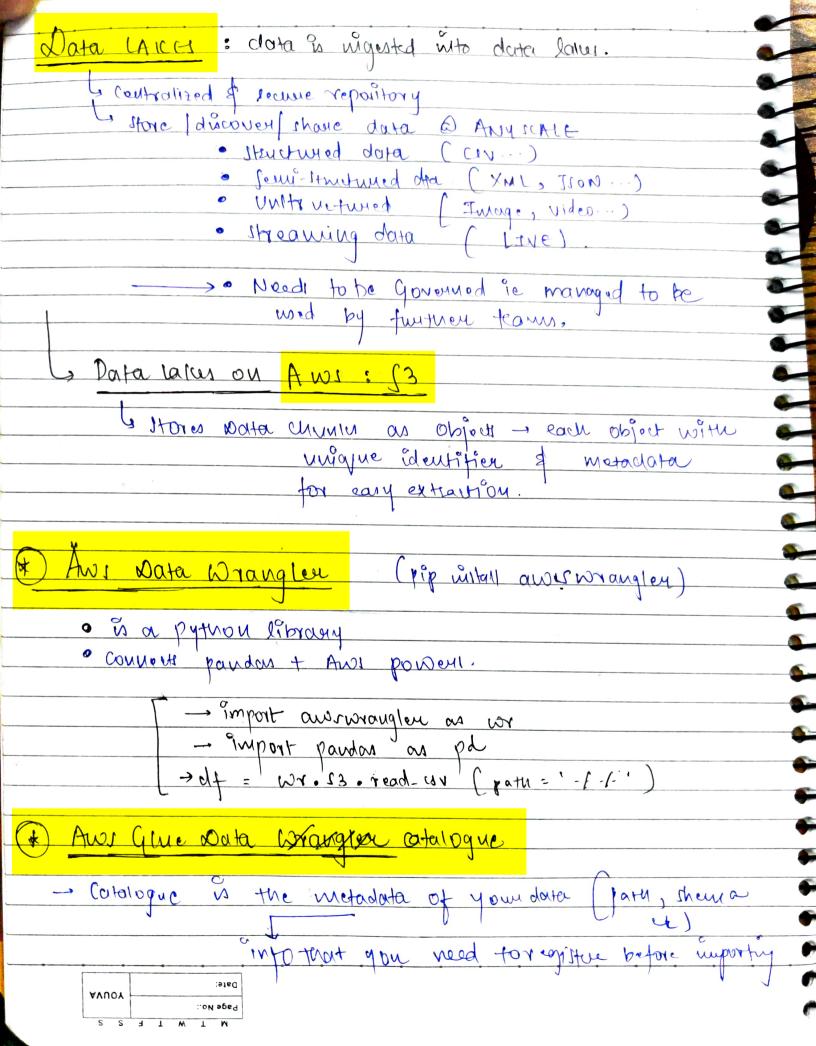
DATA SCIENCE ON AWS - COOD
DATA TOTON COOD
· local Data Science - l'imited by Hardware & Memory
Mata science - Agility leasting on dont - scale up scale out
scale up scale out
Juling UP → If Model training faces too long - means u've exhaunted your CPU cimit on the
CHARLEST COMPLIFE MATERIAL CONTRACTOR CONTRACTOR
Compute mitance with higher
Csingle CPU) Pick up a GPV bured compute infance
and the or about the military is
Scoling out -> Move from lingle CPU to PARALLEL comprising CPU instances. J (Parallel X CPU)
66 Scaling Up & Scaling Out Are possible within seconds in cloud?
Oure vandel teaining is finited, the instance is Cilled.
No extro payment. Elay As you Use
· Choud has (Aws how) its own McTopbox that laver time & maleer it quick



Typical Data mgertion of Queny Explore Worldfow.	
1 Ingers : Ingert tha Data With Aws 53	
2 CATALOY: Ofolog the data into desired schema by using	
Awar Gwel	
3) Explore : Explore & run sal punier on data uning	
G AWS Athena	
Use-Care Description -> Multi Class Classification for sentiment	
Analysis of Product reviews.	
· You work at on e-war company like Myptial tipkant.	
o Jome and James James Mr an owner manner.	
Aim is to avalyze these feedbalds quilly of alert if	
there are any product illuer.	
	+
Example Input: feedbode To the Gentining	.)
Souther Predict.	
Those it!	
Or hope etc.	
Object valion 1 - The feedbacks generated reviewed Com be millions	
Objet vation 1 - ne feedbacks generated reviewed can be millions	
every viruste. So, we might need a data (ingestion) Report tony that's	
out (Marine)	
ELAPTIC arough to expand	
ons per data site of formats.	
(\(\lambda \) \(\tau \)	ngin ig a mananani
AVUOY	



	Catalog 2
- import auswrangen as wr	Name = ~ Datubare = ~
- Wr. Catalog. Cecate _datebone (name =)	Conific = 47
- W1. Catalog. create_uv_table ()	
* Sar Queries ving Aws ATHENA	> (SQL Queries in Python)
- import aus wrangler as vor	
- w. athena. cueate-athena-bullet ()	
- df = wr. athena. read-1911-grueny Ja	IL = 'sclet * ,)
Turs quenced of is frest stor	vouiable (1).