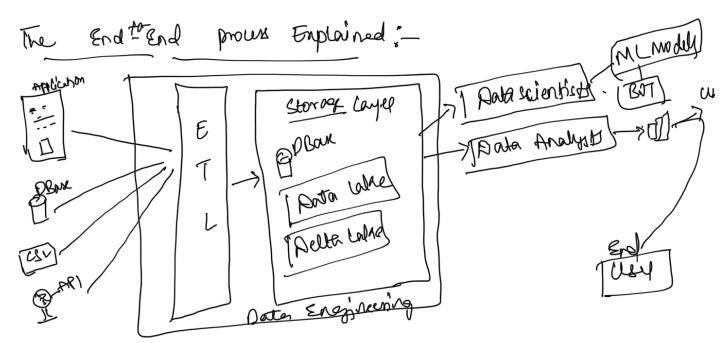
The Fundamentals of Data Engineering
Data Engineering (2) Internet
* Every Iting Happens on the internet generals data
Businers
[Netflig] [0] > provides sombies content & Recommendation
[20mato] [0] > delivers food from Restaurants to customers.
How Business Can use This dock this Gods this Gods This Gods
Business Goals
* under tand cultime Bhowla
of murearing profits
the identitying & fining problem
of Stalke Holder Directly Cannot Selay on assumptions
they need Date Driven devision Making
To achive this data need to be collected.

processed, cleaned, transformed and

In [Structured format.]

This structured data can be further used by the Business of Stake-worden in the form of Reports to get the inelights about their Business.



The Dorta Engineering Domes

* Data is generated from different sources, (apps, websites, transactions)

or Data Is Stored in DBMI

A Data Engineers process and transform the data to make it weakle

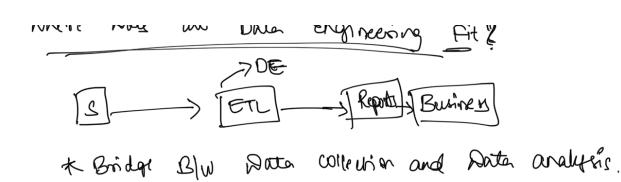
of the cleaned data is then used by

Ly Dashboarde for Business Analysis

L> Machine leading models to predictions

Us Data science teams to In Hights

mothern Dais the not ena! 1 -1 F



The Key Rolle figh Engineering?

* Software Engineer > FRP development

* Software Engineer > FRP development

* Data Base Management LD figh

* Data Base Administrators (DBA) > Data Base Management LD figh

* Data Engineers > Find to end pipeline to Collect & Transplim Data

* Data Engineers > Find to end pipeline to Collect & Transplim Data

* Data Analysts & Scientists > Build production it trends based on the Cleaned du

* ML Engineers >> Build and deploy AD product that automode

* Data San - Malerry.

life eyes & Date Engineering?

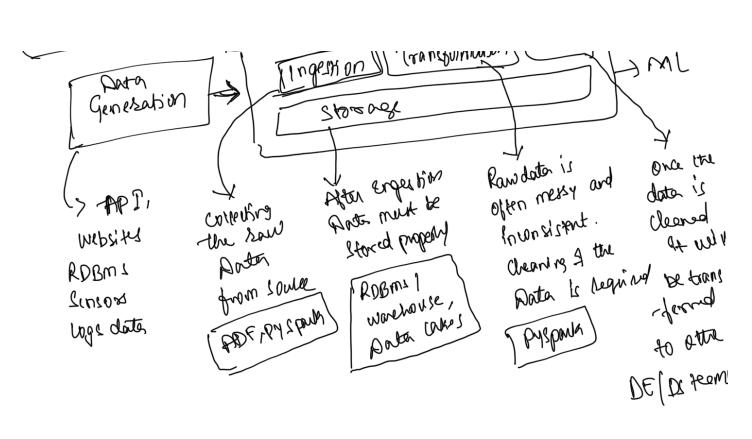
The Date Cannot shoppy be tolcon and gover to data ceinne team

The must be a step by stop Approach to Ensure date pipelia

Server a meaning ful pumpose

This stopped to the engineering lifewall

The steps of Det life by cle!



Major when Anse 4 Rata Engineering will be in

L> Formatting

L> cleaning

L) pagregalian

L> Joining Anta

Why Dota Enginering is Emportant ?

* without clear and structured data, business connot make informed declipions.

* DATA Engineers Ensured that dotte is: -

or well organized