

{ Common Table Expressions }

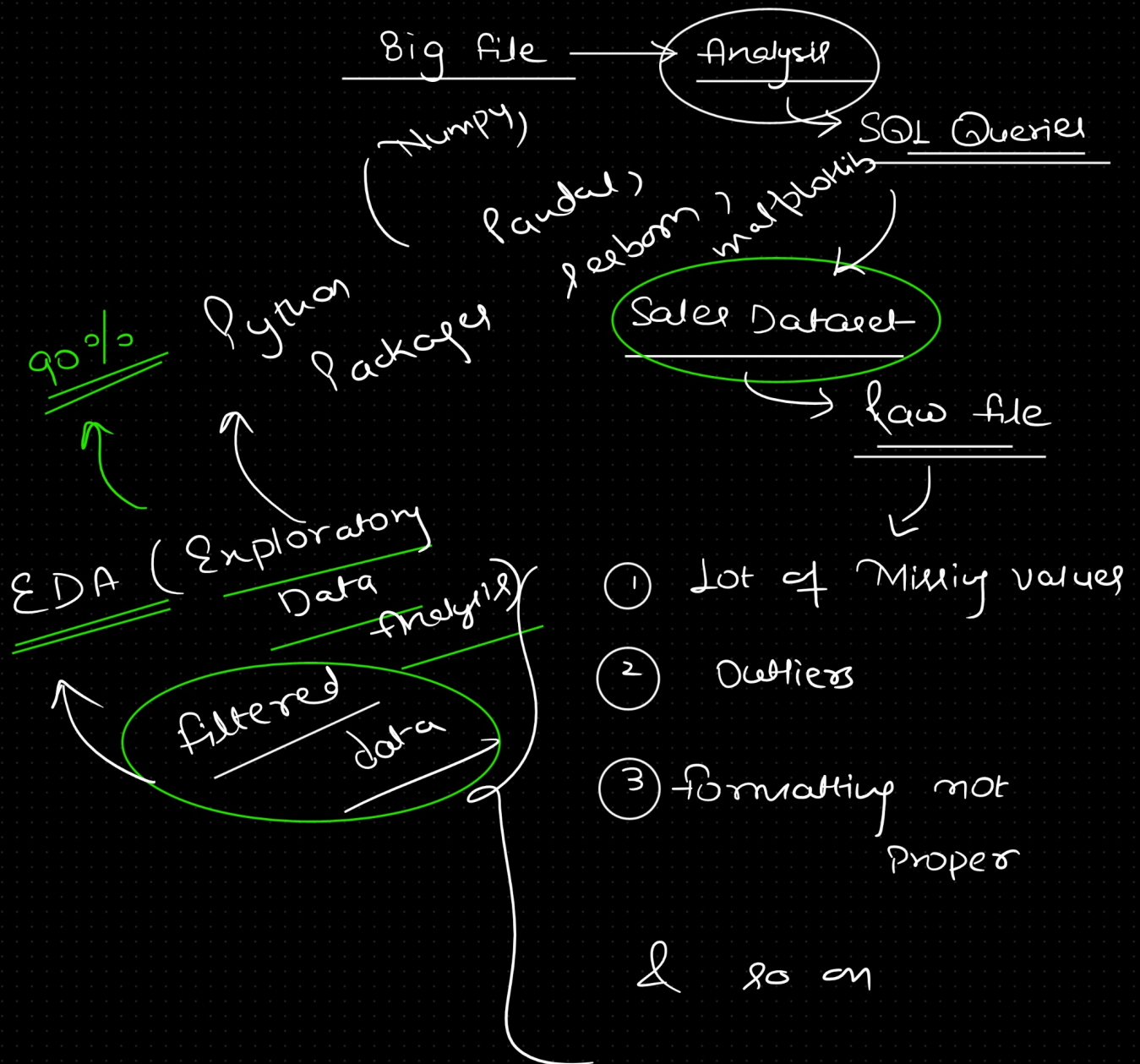
→ case statements

→ case expressions

→ learnerid, learnerfirstname, learnerlastname,

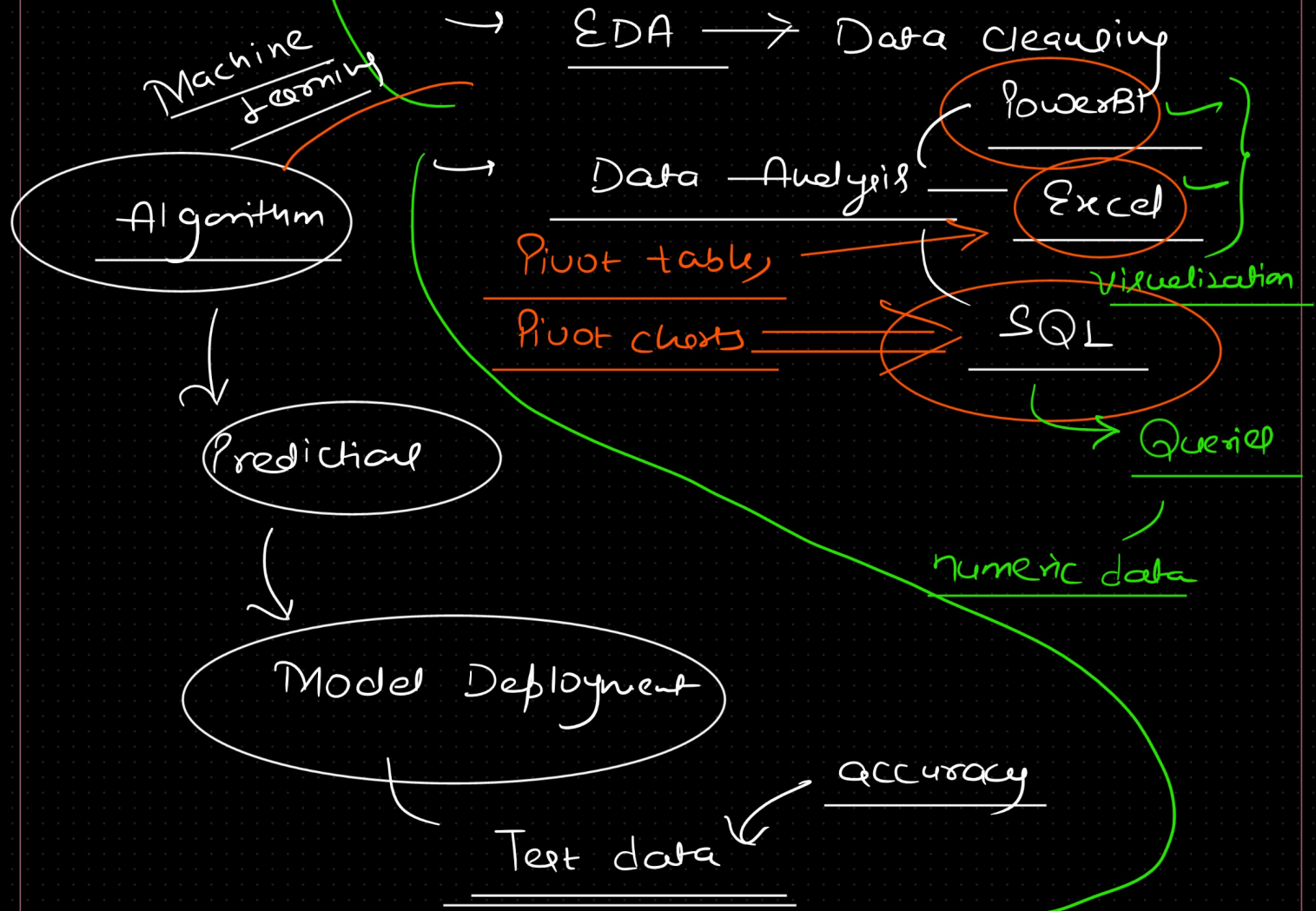
num_of_orders, avg_orders

JOINS { learners
Orders



Data Analysis

- Business requirement → MySQL
- Data collection → NoSQL
- Data Preparation → Data Pipeline
 - ↳ Big Data (Spark, Hadoop)



Q1

select state,

sum(shipping_cost) over(partition by state order by shipping_cost desc) as SumOfCost
from sales_dataset
limit 3;

P2

P3

P4

P5

Q1

Q2

select state,

sum(shipping_cost) over(partition by state) as SumOfCost
from sales_dataset
order by shipping_cost Desc
limit 3;

P2

P3

P1

P4

P5