60, Subrato DIGAD

## BDA-Engeerinent 2

Aini: Use spoop to load data forom ROBNUS (weblog /transaction data)
and analyse it using thire frig.

Theory: Hadoop ecosystem is a collection of open-source took and franceworks designed to perocess, store and analyze large volumes of data in a distributed computing environment.

·Hire: Hire is like a translator four Hadoop. It allows you to coite quewes in a language similar to Sal (called Hire al) and then translates those queries into MapReduce jobs that can be Externed in a Hadoop Christen.

It's great for data analysts who are familian with SOL because they can use there to query and analyse data stared in Hadoop's distributed fite system- HDFS.

Pig: Pig is a platform that simplified the process of weiting data
transformation for Hadoop instead of weiting compten Java Code
for MapReduce, you can use a simple scripting language called fig

Squap: Squap is a tool for effeciently transferring data b/w Hadoop and relational databases like hysol or oracle. It helps to import data from databases into Radoop or emport data from Hadoop back to databases. It is executial when we have traditional databases that we want to analyse with Hadoop.

Conclusion: We have used Soop to underestand and load douta from ROBMS. We also understood its analysis using Hire & lig.