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**Batch: Data Engineering** 

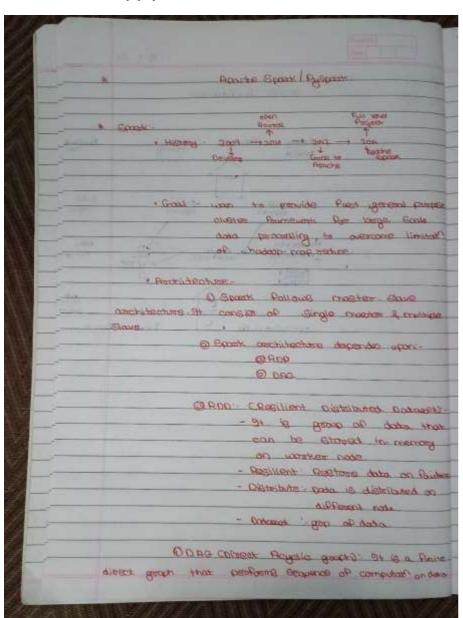
Date:03/02/2024

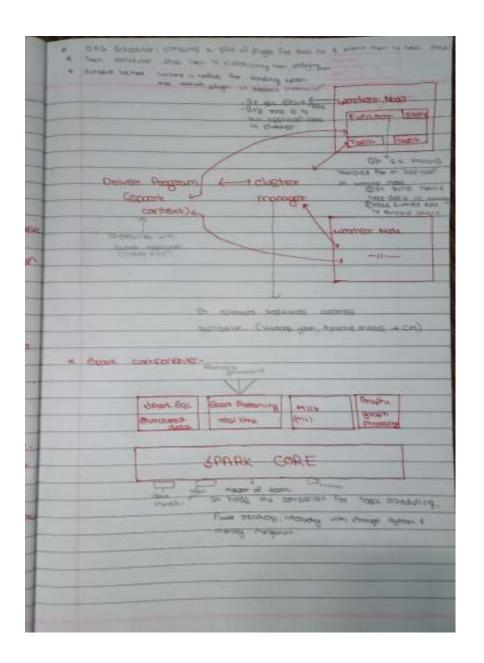
**Topic: Pyspark** 

**Solution:** 

1.Pyspark:

## Introduction to pyspark and Basic Architecture:





## Pyspark:

## Spark shell:

```
exit()

C:\Users\chaud>SUCCESS: The process with PIB 11396 (child process of PID 8292) has been terminated.

SUCCESS: The process with PID 8292 (child process of PID 9736) has been terminated.

SUCCESS: The process with PID 9736 (child process of PID 7589) has been terminated.

C:\Users\chaud>spark-shell

Setting default log level to "MARR".

To adjust logging level use sc.setlogicevel(newlevel). For SparkR, use setlogicevel(newlevel),

2a/82/83 21:43:15 MARN MativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Spark context Web UI available at http://192.168.1.36:0840

Spark context available as 'sc' (master = local(*), app id = local-1706976796559).

Spark session available as 'spark'.

Welcome to

Using Scala version 2.12.15 (Java HotSpot(TM) Client VM, Java 1.8.0_401)

Type in expressions to have them evaluated.

Type :help for more information.

scala>
```