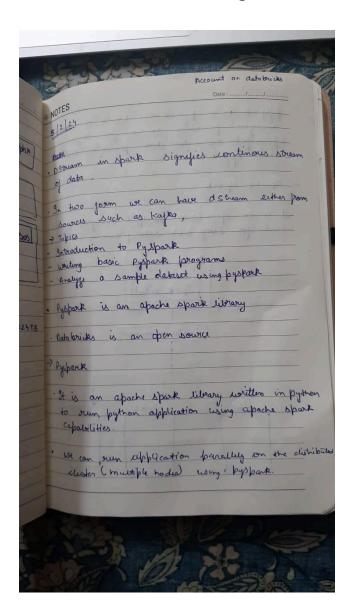
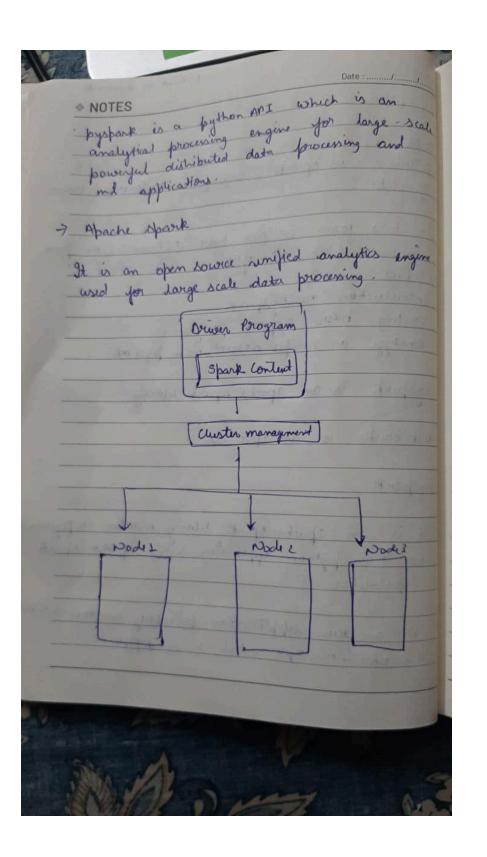
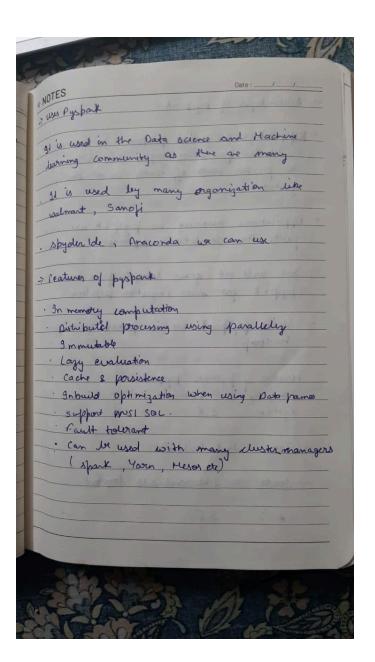
Asmita Porwal Batch-1 Day-12 5/2/2024 Data engineering

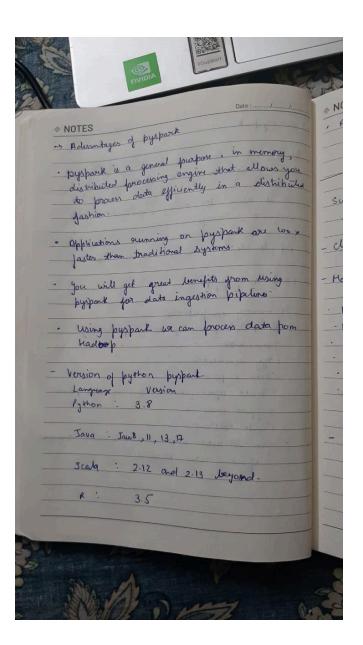
Assignment-12

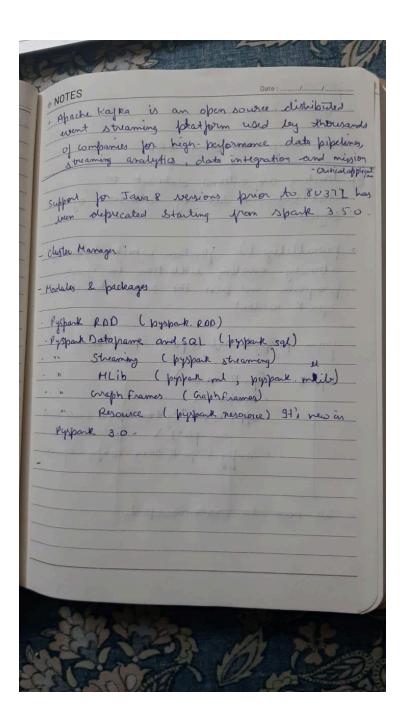
Hand written notes during the session:





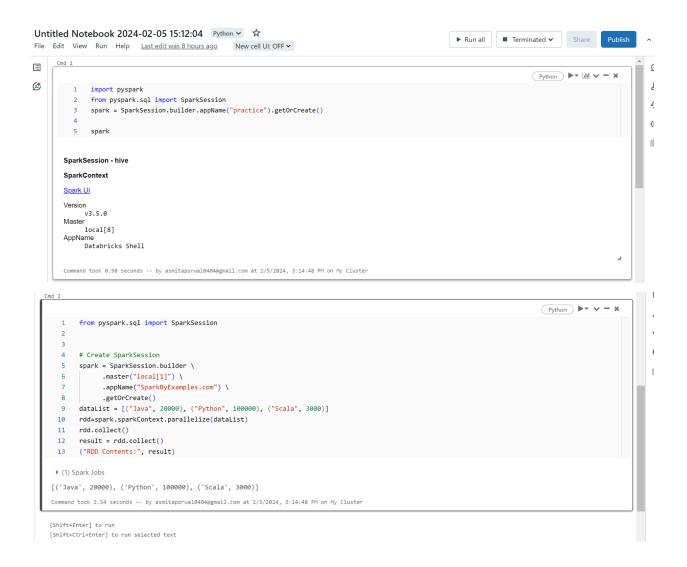






DAIL
NOTES Date:
- Greate RDD
Too ways to create RAD.
1 Jordin an enternel data set on
O loading an enternal data set of oblection of objects
· parallelize () function which takes can already existing exollection in your program and pass the same to the spark content
from byspark bal import sparksession
Spark = SparkSession
· builder
· app Name ("Python Spark wat ROD
Chample!
· config ("spark some config . Option
· we red to want a spart
30 10
PER STATE OF THE PROPERTY OF T

Create RDD on data bricks



Creating rdd on local system on jupyter notebook

```
In [5]: df.show()
           80| 20|
56| 19|
98| 21|
79| 20|
            |Alex|
|Brad|
                          62 |
45 |
           |Joey|
|abhi|
                          85 |
54 |
 In [6]: dataList = [("Java", 20000),("Python", 100000),("Scala",3000)]
 In [7]: rdd = spark.sparkContext.parallelize(dataList)
 In [8]: result = rdd.collect()
 Out[8]: [('Java', 20000), ('Python', 100000), ('Scala', 3000)]
In [10]: rdd = spark.sparkContext.textFile("D:\\pyspark.txt")
In [11]: result = rdd.collect()
           result
Out[11]: ['PySpark has been released in order to support the collaboration of Apache Spark and Python, it actually is a Python API for S park. In addition, PySpark, helps you interface with Resilient Distributed Datasets (RDDs) in Apache Spark and Python programmi
           ng language']
```