CS585 Big Data Management Project – 1

Team Member:

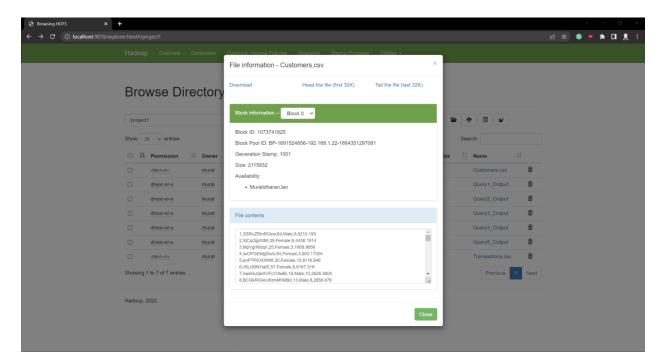
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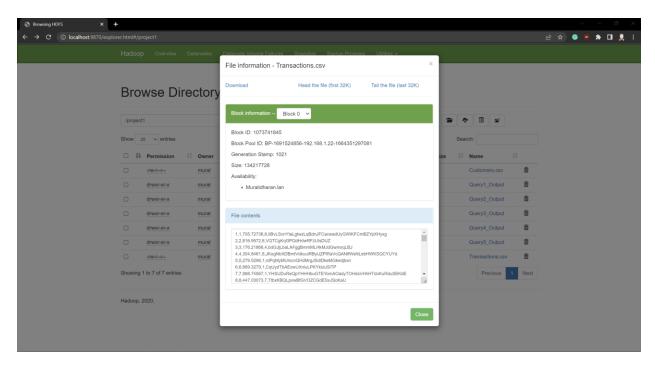
a) Creating the Dataset and Uploading it to Hadoop:

```
C:\Windows\System32>hadoop fs -mkdir /project1
C:\Windows\System32>hadoop fs -put "D:\Acadamics WPI\CS585 Big Data Management\Project 1\Data\Customers.csv" \project1
C:\Windows\System32>hadoop fs -put "D:\Acadamics WPI\CS585 Big Data Management\Project 1\Data\Transactions.csv" \project1
C:\Windows\System32>
C:\Windows\System32>
```

Note: A directory named "project1" has been created and both the customer and transaction data generated using java has been uploaded to Hadoop system.

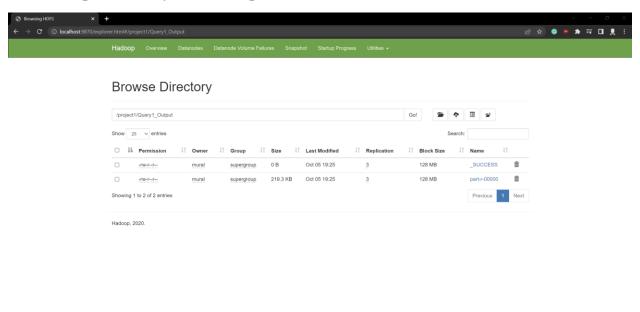


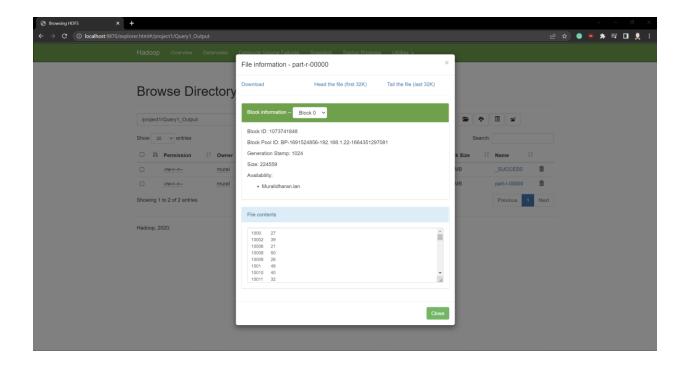
Note: Customer dataset in Hadoop.



Note: Transactions dataset in Hadoop.

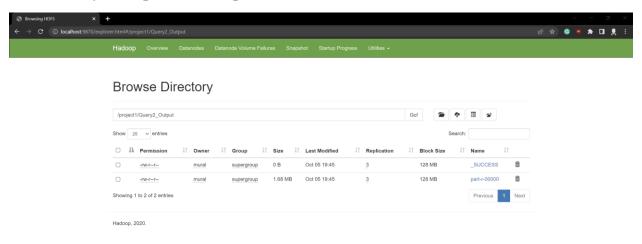
b) Output of Query 1 in Hadoop:

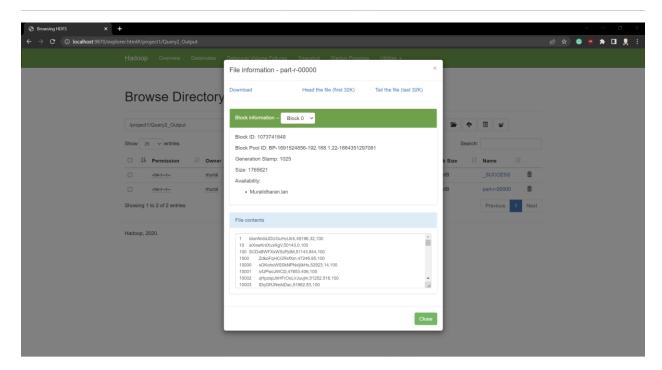




Note: The first column is "Customer ID" and the second column is "Customer Age". It's a map only job.

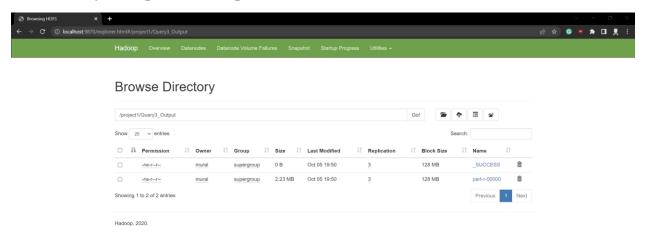
c) Query 2 Output in Hadoop:

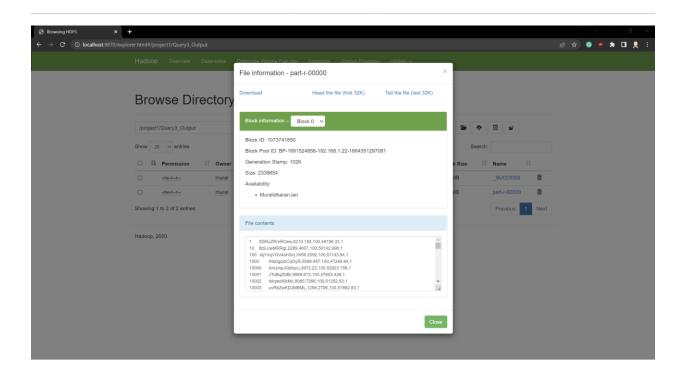




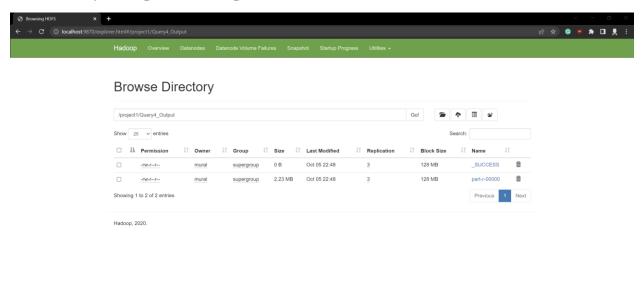
Note: We got customers name and ID along with their total number of transactions and the total sum of the transactions.

d) Query 3 Output in Hadoop:





e) Query 4 Output in Hadoop:



f) Query5 Output in Hadoop:

