RESULTS AND SCREENSHOTS

Fig 1.1: Executing Shell Script

Fig 1.2: Removing Existing Directories

```
-Importing data from Mysql

-Importing data from Buys Table-

Warning: /usr/local/sqoop/../hbase does not exist! HBase imports will fail.

Please set SHBASE HOME to the root of your HBase installation.

Warning: /usr/local/sqoop/../hcatalog does not exist! HCatalog jobs will fail.

Please set SHCAT_HOME to the root of your HCatalog installation.

Warning: /usr/local/sqoop/../accumulo does not exist! Accumulo imports will fail.

Please set SACCUMULO HOME to the root of your Accumulo installation.

Warning: /usr/local/sqoop/../zookeeper does not exist! Accumulo imports will fail.

Please set $ZOOKEEPER_HOME to the root of your Zookeeper installation.

18/03/14 10:19:43 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7

18/03/14 10:19:44 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P inst

18/03/14 10:19:46 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.

18/03/14 10:19:46 INFO tool.CodeGenTool: Beginning code generation

18/03/14 10:19:51 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `buys` AS t LIMIT 1

18/03/14 10:19:54 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `buys` AS t LIMIT 1

18/03/14 10:19:54 INFO orn.CompilationManager: HADOOP MAPRED HOME is /usr/local/hadoop

Note: /tmp/sqoop-ubuntu/compile/d0aa1bbb091923ee01be712ae99c7ea7/buys.java uses or overrides a deprecated API.
```

Fig 1.3: Importing Data From Buys Table

```
-Importing data from Clicks Table-
Warning: /usr/local/sqoop/../hbase does not exist! HBase imports will fail.
Please set SyBASE_HOME to the root of your HBase installation.
Warning: /usr/local/sqoop/../hcatalog does not exist! HCatalog jobs will fail.
Please set SHCAT_HOME to the root of your HCatalog installation.
Warning: /usr/local/sqoop/../accumulo does not exist! Accumulo imports will fail.
Please set SACCUMULO HOME to the root of your Accumulo installation.
Warning: /usr/local/sqoop/../zookeeper does not exist! Accumulo imports will fail.
Please set $ZOOKEEPER_HOME to the root of your Zookeeper installation.
18/03/14 10:21:06 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
18/03/14 10:21:06 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P
18/03/14 10:21:08 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/03/14 10:21:08 INFO tool.CodeGenTool: Beginning code generation
18/03/14 10:21:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `clicks` AS t LIMIT 1
18/03/14 10:21:09 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `clicks` AS t LIMIT 1
18/03/14 10:21:09 INFO manager.SqlManager: HADOOP_MAPRED HOME is /usr/local/hadoop
Note: /tmp/sqoop-ubuntu/compile/a927a7fffd55die35b62330369488a8c/clicks.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
```

Fig 1.4: Importing Data From Clicks Table

Fig 1.5: After Importing Data

```
-Executing pig scripts-

18/03/14 10:21:59 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL

18/03/14 10:21:59 INFO pig.ExecTypeProvider: Trying ExecType : MAPREDUCE

18/03/14 10:21:59 INFO pig.ExecTypeProvider: Trying ExecType : MAPREDUCE

18/03/14 10:21:59 INFO pig.ExecTypeProvider: Picked MAPREDUCE as the ExecType

2018-03-14 10:21:59,589 [main] INFO org.apache.pig.Main - Apache Pig version 0.16.0 (r1746530) compiled Jun 01 2016, 23

2018-03-14 10:21:59,593 [main] INFO org.apache.pig.Main - Logging error messages to: /home/ubuntu/pig_1521003119577.log

2018-03-14 10:22:02,307 [main] INFO org.apache.pig.impl.util.Utils - Default bootup file /home/ubuntu/.pigbootup not fo

2018-03-14 10:22:02,936 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated

e.jobtracker.address

2018-03-14 10:22:02,943 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - fs.default.name is deprecated. I

S

2018-03-14 10:22:02,944 [main] INFO org.apache.pig.backend.hadoop.executionengine.HExecutionEngine - Connecting to hado

://localhost:54310

2018-03-14 10:22:04,961 [main] INFO org.apache.pig.PigServer - Pig Script ID for the session: PIG-pigscript.pig-5eb025f

27314

2018-03-14 10:22:04,962 [main] WARN org.apache.pig.PigServer - ATS is disabled since yarn.timeline-service.enabled set

2018-03-14 10:22:06,836 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - fs.default.name is deprecated. I

S

2018-03-14 10:22:07,803 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: DISTIN

2018-03-14 10:22:08,032 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - fs.default.name is deprecated. I
```

Fig 1.6: Executing Pig Scripts

Fig 1.7: After Filtering Data

Fig 1.8: Launching Hive Job

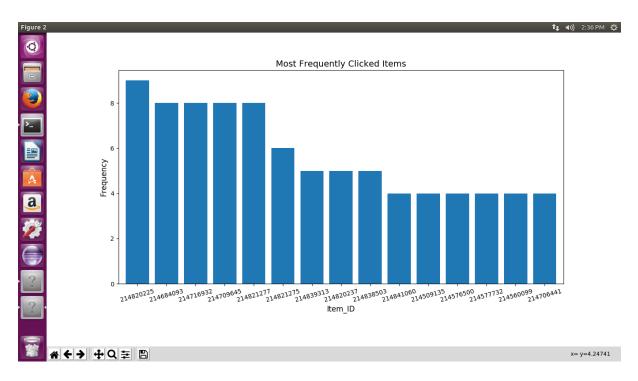


Fig 1.9: Most Frequently Clicked Items

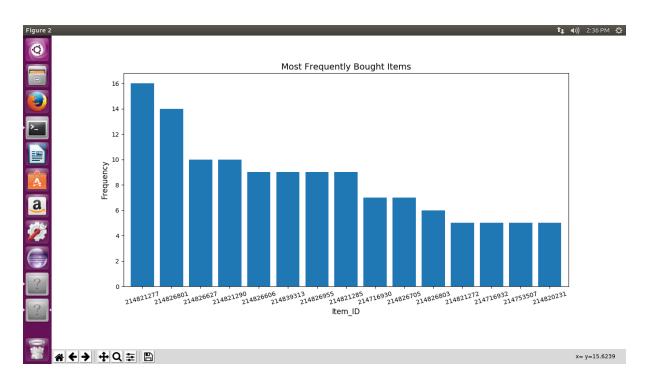


Fig 1.10: Most Frequently Bought Items

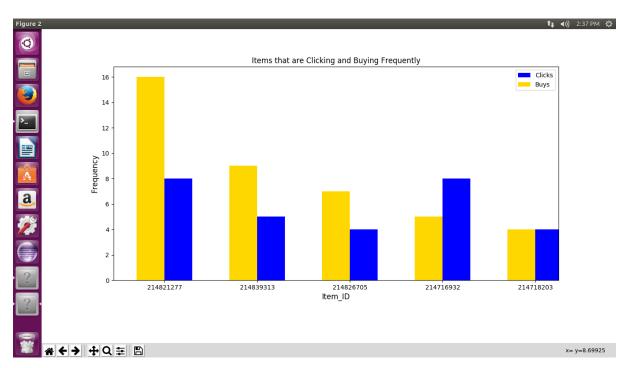


Fig 1.11: Items That are Clicking and Buying Frequently

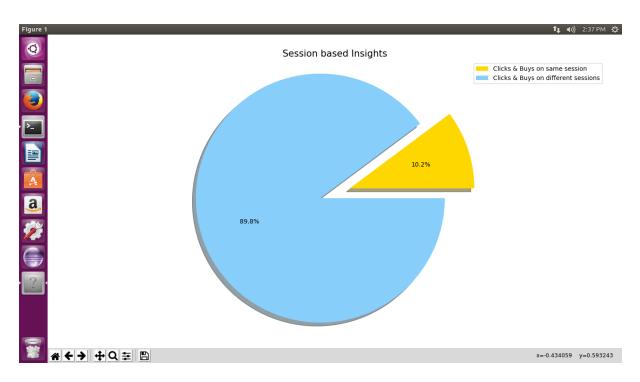


Fig 1.12: Session based Insights

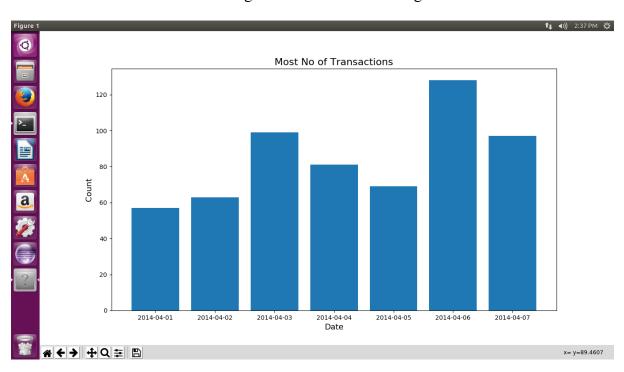


Fig 1.13: Most Number Of Transactions

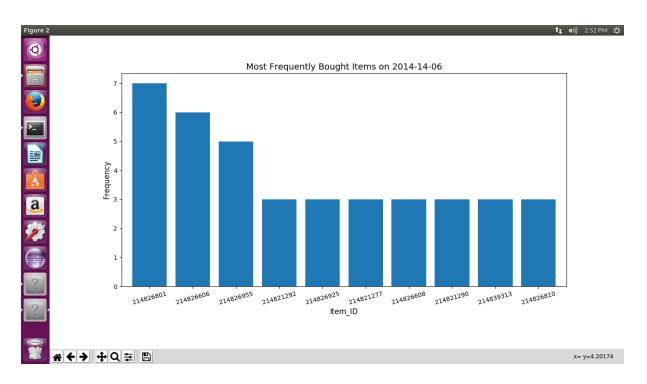


Fig 1.14: Most Frequently Bought Items On 2014-14-06

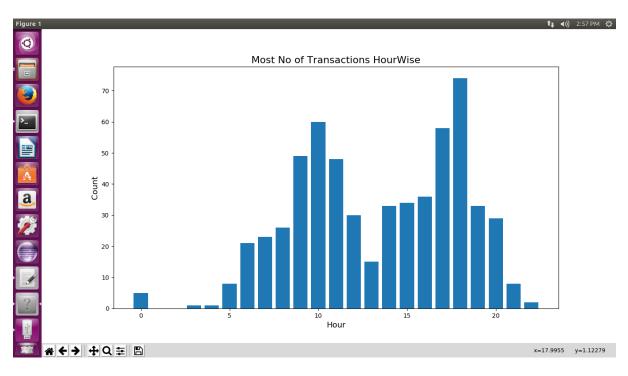


Fig 1.15: Most Number Of Transactions HourWise

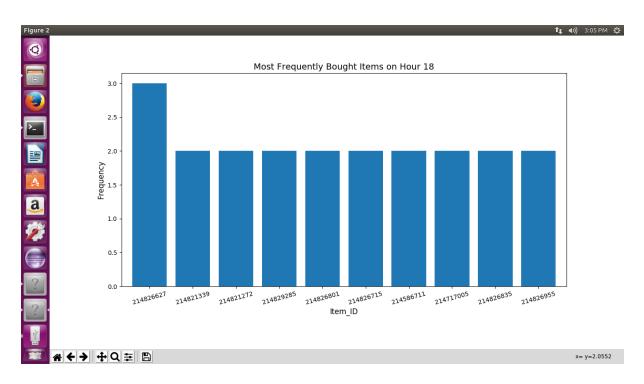


Fig 1.16: Most Frequently Bought Items On Hour 18