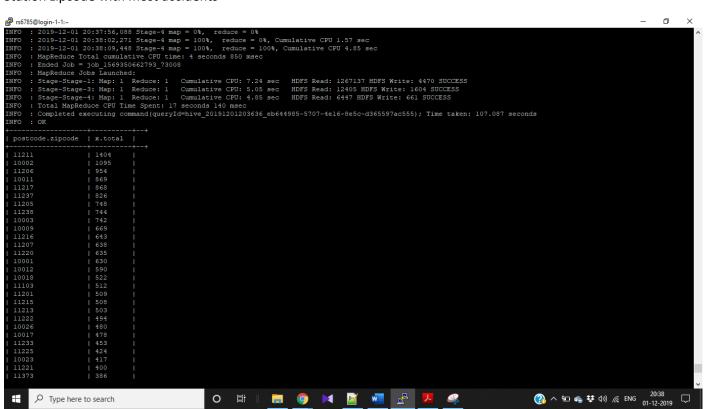
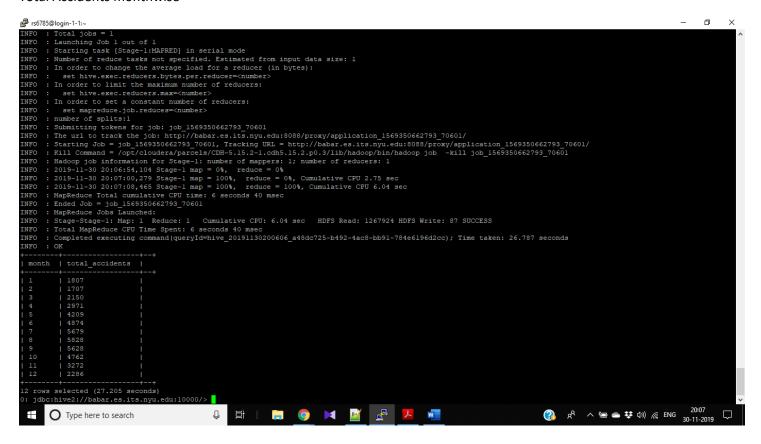
### **Code Drop 2 Screen Shots**

## Type of vehicle involved in accident

### Station zipcode with most accidents



### Total Accidents monthwise



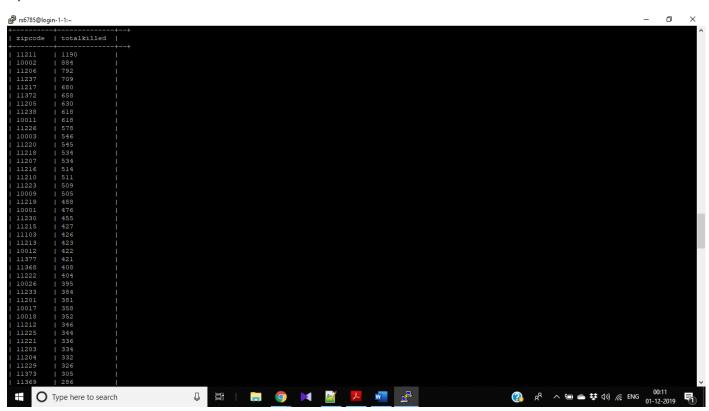
**Yearly Fatalities** 

```
### Come accidentiation

**More Resilies** | Come accidentiation

**More Resil
```

# Zipcode with most accidents



```
jdbc:hive2://babar.es.its.nyu.edu:10000/> select COUNT (DISTINCT startid) from citibike;

O : Compiling command(queryId=hive_20191115154141_c1efe3f5-3fe3-41c0-b033-e01ee1ddbf87): select COUNT (DISTINCT startid) from citibike

O : Semantic Analysis Completed
 INFO
INFO
                       . Semantic Analysis Completed
: Returning Hive schema: Schema(fieldSchemas:[FieldSchema(name:_c0, type:bigint, comment:null)], properties:null)
: Completed compiling command(queryId=hive_20191115154141_c1efe3f5-3fe3-41c0-b033-e01ee1ddbf87); Time taken: 0.352 seconds
: Executing command(queryId=hive_20191115154141_c1efe3f5-3fe3-4-1c0-b033-e01ee1ddbf87): select COUNT (DISTINCT startid) from citibike
: Query ID = hive_20191115154141_c1efe3f5-3fe3-41c0-b033-e01ee1ddbf87
: Total jobs = 1
  INFO
 INFO
INFO
INFO
                        : lotal jobs = 1
: Launching Job 1 out of 1
: Starting task [Stage-1:MAPRED] in serial mode
: Number of reduce tasks determined at compile time: 1
: In order to change the average load for a reducer (in bytes):
: set hive.exec.reducers.bytes.per.reducer=<number>
  INFO
  INFO
  INFO
  INFO
                         : In order to limit the maximum number of reducers:
: set hive.exec.reducers.max=<number>
  INFO
                         : In order to set a constant number of reducers:
: set mapreduce.job.reduces=<number>
: number of splits:17
  INFO
                   : set mapreduce.job.feduces=knumbers
: number of splits:17
: Submitting tokens for job: job_1569350662793_42307
: The url to track the job: http://babar.es.its.nyu.edu:8088/proxy/application_1569350662793_42307/
: Starting Job = job_1569350662793_42307, Tracking URL = http://babar.es.its.nyu.edu:8088/proxy/application_1569350662793_42307/
: Kill Command = /opt/cloudera/parcels/CDH-5.15.2-1.cdh5.15.2.p0.3/lib/hadoop/bin/hadoop job -kill job_1569350662793_42307/
: Hadoop job information for Stage-1: number of mappers: 17; number of reducers: 1
: 2019-11-15 15:41:48,447 Stage-1 map = 0%, reduce = 0%
: 2019-11-15 15:41:64,600 Stage-1 map = 29%, reduce = 0%, Cumulative CPU 15.52 sec
: 2019-11-15 15:41:55,623 Stage-1 map = 59%, reduce = 0%, Cumulative CPU 43.29 sec
: 2019-11-15 15:41:56,645 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 78.33 sec
: 2019-11-15 15:42:01,766 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 82.86 sec
: MapReduce Total cumulative CPU time: 1 minutes 22 seconds 860 msec
: Ended Job = job_1569350662793_42307
: MapReduce Jobs Launched:
: Stage-Stage-1: Map: 17 Reduce: 1 Cumulative CPU: 82.86 sec HDFS Read: 3675706384 HDFS Write: 4 SUCCESS
: Total MapReduce CPU Time Spent: 1 minutes 22 seconds 860 msec
: Completed executing command(queryId=hive_20191115154141_c1efe3f5-3fe3-41c0-b033-e01ee1ddbf87); Time taken: 29.102 seconds
: OK
  INFO
 INFO
INFO
  INFO
   INFO
  INFO
  INFO
  INFO
  INFO
  INFO
  INFO
  INFO
 INFO
INFO
  INFO
  INFO
      _c0 |
   951
1 row selected (29.605 seconds)
YEAR(date1)
INFO : Semantic Analysis Completed
INFO : Returning Hive schema: Schema(fieldSchemas:[FieldSchema(name:_c0, type:int, comment:null), FieldSchema(name:_c1, type:bigint, comment:null)], properties:null)
INFO : Completed compiling command(queryId=hive_2019116154242_e9beac96-8f09-43b5-aebb-24664c84be99); Time taken: 8.324 seconds
INFO : Executing command(queryId=hive_20191116154242_e9beac96-8f09-43b5-aebb-24664c84be99): select YEAR(date1),count(*) from finaldata WHERE MONTH(date1) BETWEEN 4 AND 6 group by
YEAR(date1)
INFO : Query ID = hive_20191116154242_e9beac96-8f09-43b5-aebb-24664c84be99
INFO : Total jobs = 1
INFO : Launching Job 1 out of 1
INFO : Launching Job 1 out of 1
   INFO
   INFO
   INFO
   INFO
   INFO
   INFO
```

```
_c0
2017
2018
2019
   1978855
2625746
3018196
3 rows selected (39.43 seconds)
```

```
Sementic Asalysis Completed
Not : Returning five schemes (Schemas): [FieldSchema(name; c8, type:int, comment:null), FieldSchema(name; c1, type:bigint, comment:null))
NO : Returning five schemes (Schemas): [FieldSchemas(name; c8, type:int, comment:null), FieldSchema(name; c1, type:bigint, comment:null))
NO : Completed compiling command(queryidehive, 2019111051377, ab767133-807;-4481-9893-57638117a80): Time taken: 0.65 seconds
NO : Completed compiling command(queryidehive, 2019111051377, ab767133-807;-4481-9893-576783117a80): Time taken: 0.65 seconds
NO : Query ID = hive, 2019111053777, ab767133-807a-4481-9893-576783117a80)
NO : Laurching Job I aud of 1
NO : L
```

```
b rows salected (AL.272 seconds)
(b: jdb::htve2://shbar.es.it.nyu.edu:18080/> select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1);

INFO: Compiling command(queryid=hive_2807111614555_889ba5fs-7051-4355-706-7080B096761): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Compiling command(queryid=hive_2807111614555_889ba5fs-7051-4356-706-7080B096764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Compiling command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_280711615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_28071615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_28071615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_28071615558, 889ba5fs-7051-4356-706-7080B0966764): select YEAR(date1), COUNT(*) from finaldata group by YEAR(date1)

INFO: Lavening command(queryid=hive_28071615558, 889ba5
```

	<b>.</b>	·	·
areazipcode	totalaccidents	totalstations	   totaltrips
11211	42120	30	386485
10002	26280	24	1046098
10009	21408	32	1298258
11206	20988	22	113445
11217	19964	23	235992
11238	18600	25	289167
10011	17380	20	1158090
11215	14732	29	309464
11201	14252	28	485190
10003	14098	19	988688
11222	13832	28	240994
10001	11340	18	858031
11237	10738	13	56496
11231	10280	40	398846
10019	9960	30	1461734
11205	8976	12	165131
11221	8400	21	224021
11216	8359	13	106297
10029	7144	19	191730
10017	6692	14	747498
11101	6272	32	226525
10022	5742	18	597315
11207	5742	9	113665
11225	5512	13	54757
10023	5421	13	687025
10012	5310	9	528001
11106	4959	19	59676
10028	4953	13	242603
10018	4698	9	413472
10021	4511	13	362006
11102	4464	16	49090
10035	4386	17	213128
10026	3360	7	130536
10027	3185	13	98435
10025	3059	19	492391
10014	2754	18	963819
10016	2665	13	640069
11213	2515	5	101805
10013   10037	2119   2030	13	544069
	•	10	533589
10065	1980	6   14	185239     419346
10038	1568	1 <del>4</del>   3	
11103   11233	1536   1359	3   3	10589   36520
11233	1359	3   2	30520
11226	987	<del>2</del>   7	31011
11103	924	<i> </i>   7	335448
10199	724   780	<i> </i>   3	118532
11369	664	3	10346
11208	654	2	41574
10005	584	2   8	41374
11109	395	8   5	58693
11107	373		30073

```
jdbc:hive2://babar.es.its.nyu.edu:10000/> select count(*) as no_of_days from weather_final_2 where dew < 1;

0 : Compiling command(queryId=hive_20191201155959_adoblad4-624e-4d85-a15c-711355caeac8): select count(*) as no_of_days from weather_final_2 where dew < 1

0 : Semantic Analysis Completed

0 : Returning Have schema: Schema(fieldSchemas:[FieldSchema(name:no_of_days, type:bigint, comment:null)], properties:null)

0 : Completed compiling command(queryId=hive_20191201155959_adoblad4-624e-4d85-a15c-711355caeac8); Time taken: 0.305 seconds

0 : Executing command(queryId=hive_20191201155959_adoblad4-624e-4d85-a15c-711355caeac8): select count(*) as no_of_days from weather_final_2 where dew < 1

0 : Query ID = hive_20191201155959_adoblad4-624e-4d85-a15c-711355caeac8

0 : Total_jobs = 1

0 : Total_jobs = 1
                              : Query ID = hive 20191201159595_adoblad4-624e-4d85-a15c-711355caeac8
: Total jobs = 1
: Launching Job 1 out of 1
: Starting task [Stage-1:MAPRED] in serial mode
: Number of reduce tasks determined at compile time: 1
: In order to change the average load for a reducer (in bytes):
    set hive.exec.reducers.bytes.per.reducer=<number>
: In order to limit the maximum number of reducers:
    set hive.exec.reducers.max=<number>
: In order to set a constant number of reducers:
    set mapreduce.job.reduces=<number>
: number of splits:1
: Submitting tokens for job: job_1569350662793_72365
: The url to track the job: http://babar.es.its.nyu.edu:8088/proxy/application_1569350662793_72365/
: Starting Job = job_1569350662793_72365, Tracking URL = http://babar.es.its.nyu.edu:8088/proxy/application_1569350662793_72365/

: Kill Command = /opt/cloudera/parcels/CDH-5.15.2-1.cdh5.15.2.p0.3/lib/hadoop/bin/hadoop job =kill job_1569350662793_72365/

: Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
: 2019-12-01 15:59:20,724 Stage-1 map = 004, reduce = 004, Cumulative CFU 3.21 sec
: 2019-12-01 15:59:7,885 Stage-1 map = 1004, reduce = 1004, Cumulative CFU 6.48 sec
: MapReduce Total cumulative CFU time: 6 seconds 480 msec
: Ended Job = job_1569350662793_72365

: MapReduce Jobs Launched:
: Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CFU; 6.48 sec HDFS Read: 266286 HDFS Write: 3 SUCCESS
: Total MapReduce CDI Time Separation for the seconds 480 msec
                                  : Mapkeduce Jobs Launched:
: Stage-Stage-1: Map: 1 Reduce: 1 Cumulative CPU: 6.48 sec HDFS Read: 266286 HDFS Write: 3 SUCCESS
: Total Mapkeduce CPU Time Spent: 6 seconds 480 msec
: Completed executing command(queryId=hive_20191201155959_adcblad4-624e-4d85-a15c-711355caeac8); Time taken: 27.467 seconds
: OK
   no_of_days |
     qq
Tow selected (7.935 seconds)

1. jdbc.htw22//bbbar.es.its.pyn.edui10000/ select year.avg(avg_temp) from weather_final_2 group by year;

NO : Complicing command(query1de-htm 2013)20160020_5174dbf0-d152-47b6-87c4-99c2baada488): select year,avg(avg_temp) from weather_final_2 group by year

NO : Semantia Analysis Compliced.

NO : Semantia Analysis Compliced.

NO : Complicing Sives shewns: Scheman (fieldSchemas.[FieldSchema (name:year, type:int. command:null), FieldSchema (name:cl., type:double, comment:null), properties:null)

NO : Complicing Sives shewns: Scheman (green) 5174dbf0-d152-47b6-87c4-99c2baada488); Time taken: 0.314 seconds

NO : Complicing command(query1de-htm 2013)201160020_5174dbf0-d152-47b6-87c4-99c2baada488); select year,avg(avg_temp) from weather_final_2 group by year

NO : Complicing Sives 
                                                   | 54.18973214285711
| 53.12807606263984
                                                   | 53.194828957836066
| 55.286327204149025
```

