Search in your notebooks



? default ▼

## 







```
%spark
val hiveContext = new org.apache.spark.sql.hive.HiveContext(sc);
hiveContext.sql("SHOW tables").show()
```

hiveContext: org.apache.spark.sql.hive.HiveContext = org.apache.spark.sql.hive.HiveContext@78bf7bf9

```
tableName|isTemporary|
+----+
  avgmileage
                false
|drivermileage|
                false
  emp_salary|
                false
  geolocation|
                false
   sample_07
                false
   sample_08
                false
 truckmileage
                false
                false
      trucks
+----+
```

Took 3 seconds

```
hiveContext.sql("DESCRIBE drivermileage").show()
+----+
|col name|data type|comment|
+----+
|driverid| string| null|
|totmiles| bigint| null|
```

Took 4 seconds

+----+

hiveContext.sql("select \* from drivermileage limit 10").show()

+----+ |driverid|totmiles| +----+ A1 628507 A10| 675377

A100 634338 A11 652452 A12| 668241

A13| 654319 A14 649645 A15 651036

A16 638086 A17 | 663821 +----+

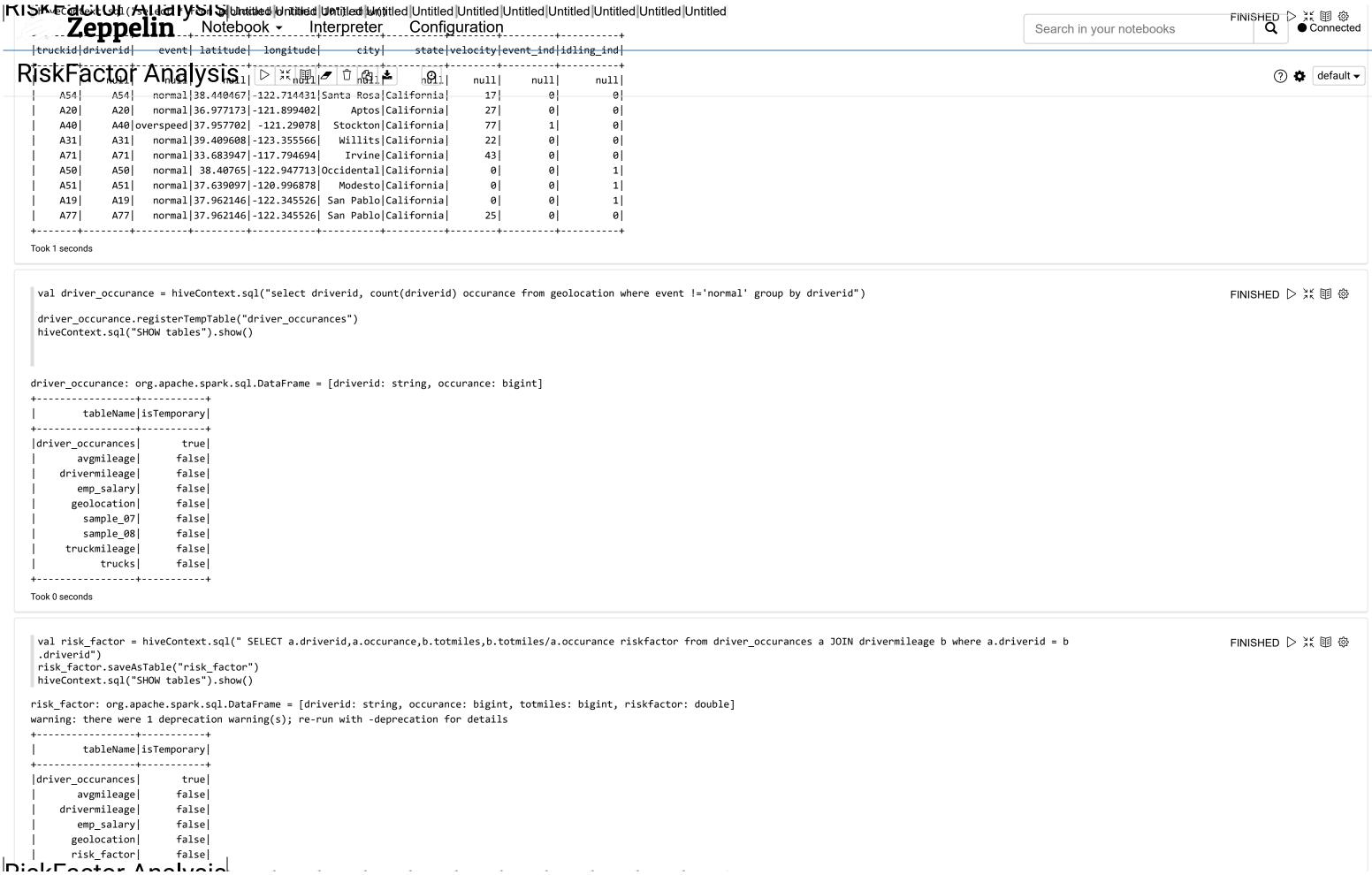
Took 0 seconds

Dial/Castar Analysia

sandbox-hdp.hortonworks.com:9995/#/notebook/2ECKW1546

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+----+ |driverid|occurance|totmiles| riskfactor +----+ 6 | 656474 | 109412.33333333333333 A18| A7 | 5 | 653787 130757.4 A8 2 653991 326995.5 A9| 6 | 665456 | 110909.33333333333333 A80 5 | 681115 | 136223.0 A81 6 645273 107545.5 2| 631722 A82 315861.0 3 | 653172 217724.0 A83 A84 6 | 651620 | 108603.3333333333333 A85 5 | 635947 | 127189.4 A86 7 | 629558 | 89936.85714285714 A87 6 665023 | 110837.16666666667 A88 5 | 665021 133004.2 A89 2 652530 326265.0 A20 5 631496 126299.2

Took 1 seconds (outdated)

Took 13 seconds

risk\_factor.rdd.coalesce(1).saveAsTextFile("/tmp/data/risk\_factor")

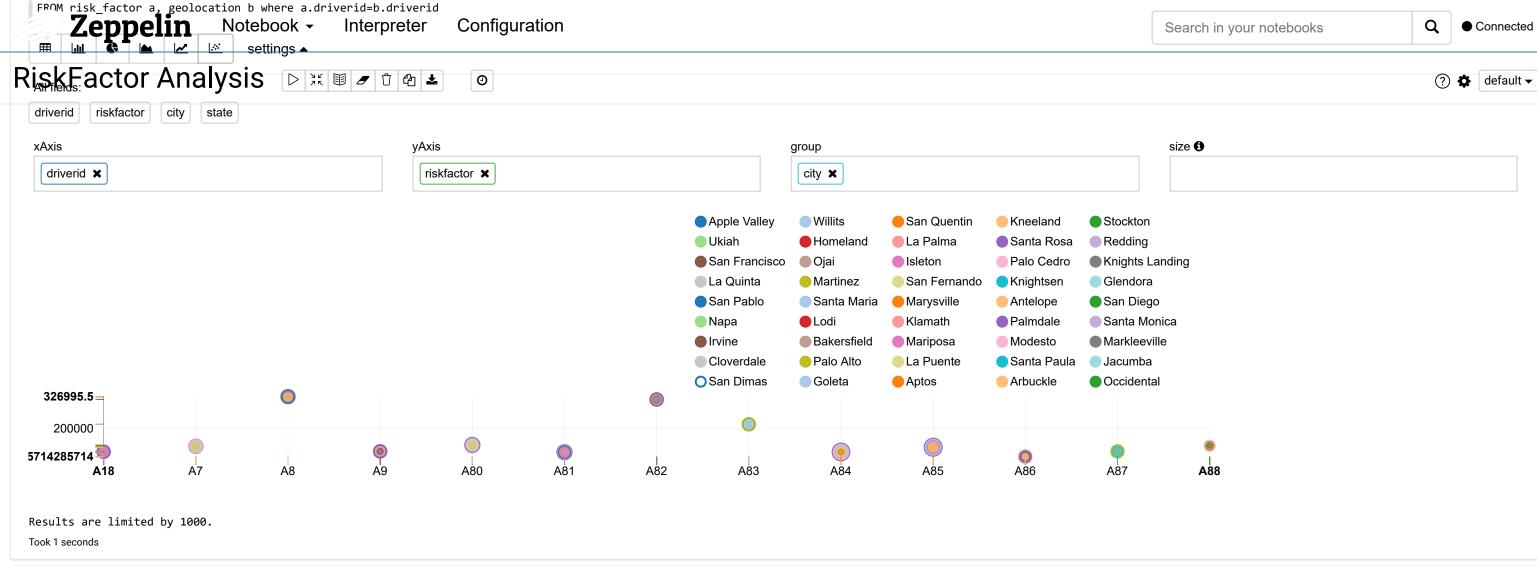
hiveContext.sql("SHOW tables").show() +----+ tableName|isTemporary| +----+ |driver\_occurances| true avgmileage false drivermileage| false emp\_salary false geolocation false risk\_factor false sample\_07| false| false sample\_08 truckmileage| false trucks false +----+

Took 0 seconds

%sql SELECT a.driverid, a.riskfactor, b.city, b.state FINISHED ▷ 光 圓 戀

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READY ▷ 圓 ♡