

Microsoft Windows [Version 10.0.22621.2070]

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C:\Windows\System32>cd C:\Users\lesny\OneDrive\Рабочий стол

C:\Users\lesny\OneDrive\Рабочий стол>cd apache-spark-docker\docker

C:\Users\lesny\OneDrive\Рабочий стол\apache-spark-docker\docker>docker cp C:/Users/lesny/AB_NYC_2019.csv namenode:/tmp
Successfully copied 7.08MB to namenode:/tmp

C:\Users\lesny\OneDrive\Рабочий стол\apache-spark-docker\docker>docker exec -it namenode bin/bash

root@namenode:/# hdfs dfs -put /tmp/AB_NYC_2019.csv /

root@namenode:/# hdfs dfs -ls /

Found 4 items

-rw-r--r--	3	root	supergroup	7077767	2024-05-28 23:43	/AB_NYC_2019.csv
-rw-r--r--	3	root	supergroup	201103197	2024-05-28 06:00	/artistsmain.csv
drwxrwxr-x	-	root	supergroup	0	2024-05-21 00:22	/tmp
drwxr-xr-x	-	root	supergroup	0	2024-05-28 06:21	/user

root@namenode:/#

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```
C:\Users\lesny\OneDrive\Рабочий стол>cd apache-spark-docker\docker
```

```
SLF4J: Class path contains multiple SLF4J bindings.
```

```
SLF4J: Found binding in [jar:file:/opt/hadoop-2.7.4/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]
```

```
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]
```

Connected to: Apache Hive (version 2.3.2)

Transaction isolation: TRANSACTION_REPEATABLE_READ

```
0: jdbc:hive2://hive-server:10000/> SHOW tables;
```

```
| tab_name |
```

| artists |

```
+-----+
2 new collect
```

```
0: jdbc:hive2://hive-server:10000/> CREATE TABLE AB_NYC_2019 ( id int, name string, host_id
                                > int, host_name string, neighbourhood_group string, neigh
```

```

> latitude double precision, longitude double precision, room_type string,
> `price` int `minimum nights` int `number of reviews` int `last review` stri

```

```

...> reviews_per_month double precision, calculated_host_listings_count int,
> `availability_365` int) row format delimited fields terminated by ' '

```

```

...availability_365 int) LOW format delimited fields terminated by ','
No rows affected (0.224 seconds)

```

```
0: jdbc:hive2://hive-server:10000
```

```
o: jake.niiveri://hive server :10000/> show tables;
```

+-----+

| artists

-----+-----

```
0: jdbc:hive2://hive-server:10000
```

```
No rows affected (0.423 seconds)
```

```
0: jdbc:hive2://hive-server:10000
```

```
2 rows selected (1.055 seconds)
```


Администратор: Командная строка - docker exec -it hive-server beeline -u 'jdbc:hive2://hive-server:10000/'

C:\Users\lesny\OneDrive\Рабочий стол\apache-spark-docker\docker>docker exec -it hive-server beeline -u 'jdbc:hive2://hive-server:10000/'

SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/opt/hive/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/opt/hadoop-2.7.4/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]
Connecting to jdbc:hive2://hive-server:10000/
Connected to: Apache Hive (version 2.3.2)
Driver: Hive JDBC (version 2.3.2)
Transaction isolation: TRANSACTION_REPEATABLE_READ
Beeline version 2.3.2 by Apache Hive
0: jdbc:hive2://hive-server:10000/> SELECT ROUND(AVG(price), 2) AS mean_price,
. > ROUND(VAR_SAMP(price), 2) AS variance_price
. > FROM ab_nyc_2019;
WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
+-----+-----+
| mean_price | variance_price |
+-----+-----+
| 145.12 | 58530.01 |
+-----+-----+
1 row selected (1.516 seconds)
0: jdbc:hive2://hive-server:10000/>