



Big Data com Hive e Impala

Vetorização

Impala Shell

```
impala-shell
```

```
Starting Impala Shell without Kerberos authentication
```

```
Connected to quickstart.cloudera:21000
```

```
Server version: impalad version 2.10.0-cdh5.13.0 RELEASE (build  
2511805fleaa991df1460276c7e9f19d819cd4e4)
```

```
*****
```

```
Welcome to the Impala shell.
```

```
(Impala Shell v2.10.0-cdh5.13.0 (2511805) built on Wed Oct 4 10:55:37 PDT 2017)
```

```
After running a query, type SUMMARY to see a summary of where time was spent.
```

```
*****
```



Exibindo Bancos de Dados

```
show databases;
```

```
Query: show databases
```

name	comment
_impala_builtins	System database for Impala builtin functions
default	Default Hive database



Exibindo Bancos de Dados

```
invalidate metadata;
```

```
[quickstart.cloudera:21000] > show databases;
```

```
Query: show databases
```

name	comment
_impala_builtins	System database for Impala builtin functions
default	Default Hive database
locacao	
retail_db	



Compatibilidade

```
use locacao;
```

```
Query: use locacao
```

```
[quickstart.cloudera:21000] > select * from locacao;
```

```
Query: select * from locacao
```

```
Query submitted at: 2019-08-13 10:11:47 (Coordinator:  
http://quickstart.cloudera:25000)
```

```
ERROR: AnalysisException: Unsupported type 'DATE' in  
'locacao.locacao.datalocacao'.
```



Consulta no Impala

```
select sum(total) from locacao;
```

```
Query: select sum(total) from locacao
```

```
Query submitted at: 2019-08-13 10:15:38 (Coordinator: http://quickstart.cloudera:25000)
```

```
Query progress can be monitored at:
```

```
http://quickstart.cloudera:25000/query\_plan?query\_id=ef415709af1ea9b8:7c6425b000000000
```

```
+-----+
```

```
| sum(total) |
```

```
+-----+
```

```
| 194526     |
```

```
+-----+
```

```
Fetches 1 row(s) in 0.19s
```

```
[quickstart.cloudera:21000] >
```



Mesma Consulta no Hive

```
select sum(total) from locacao;
```

```
Query ID = cloudera_20190813101515_6fec0247-cb50-43d6-9513-832101f343cd
```

```
Total jobs = 1
```

```
Launching Job 1 out of 1
```

```
...
```

```
OK
```

```
+-----+--+
```

```
|      _c0      |
```

```
+-----+--+
```

```
| 194526.0      |
```

```
+-----+--+
```

```
1 row selected (29.111 seconds)
```

