



Big Data com Hive e Impala

Mais HiveQL

Ordenar

```
0: jdbc:hive2://> select * from locacao order by datalocacao,dataentrega;
```

locacao.idlocacao	locacao.idcliente	locacao.iddespachante	locacao.idveiculo	locacao.datalocacao	locacao.dataentrega	locacao.total
1	3	5	22	2019-02-20	2019-02-20	1996.0
69	11	6	20	2019-02-20	2019-02-21	1858.0
41	17	10	4	2019-02-20	2019-02-25	2042.0
95	22	2	28	2019-02-21	2019-02-21	1861.0
47	15	5	6	2019-02-22	2019-02-22	2031.0
15	10	10	1	2019-02-22	2019-02-23	2071.0
5	8	10	3	2019-02-24	2019-02-26	2049.0
12	19	10	2	2019-02-26	2019-02-26	1915.0
64	23	4	8	2019-02-26	2019-03-02	2064.0
88	9	5	17	2019-02-27	2019-02-27	1851.0
97	16	9	1	2019-02-27	2019-03-03	2100.0
50	23	10	1	2019-02-27	2019-03-04	2014.0
42	9	1	5	2019-03-04	2019-03-04	1821.0
55	13	5	15	2019-03-05	2019-03-09	2039.0
61	9	2	20	2019-03-08	2019-03-08	2075.0
49	1	2	22	2019-03-08	2019-03-10	1975.0
3	17	5	3	2019-03-09	2019-03-11	2016.0
93	13	5	12	2019-03-10	2019-03-13	2056.0
32	19	9	13	2019-03-14	2019-03-18	1963.0
51	17	10	15	2019-03-15	2019-03-19	1958.0
26	25	10	8	2019-03-16	2019-03-21	2034.0
10	1	2	21	2019-03-17	2019-03-19	2010.0
57	3	5	5	2019-03-18	2019-03-18	1914.0



Ordenar

```
: idbc:hive2://> select * from locacao order by datalocacao desc;
```

locacao.idlocacao	locacao.idcliente	locacao.iddespachante	locacao.idveiculo	locacao.datalocacao	locacao.dataentrega	locacao.total
2	5	5	7	2019-06-30	2019-07-03	1843.0
34	13	2	26	2019-06-28	2019-07-02	2020.0
77	24	1	30	2019-06-26	2019-06-30	1881.0
74	6	5	24	2019-06-23	2019-06-23	1831.0
96	5	10	17	2019-06-22	2019-06-26	1860.0
67	2	7	7	2019-06-22	2019-06-25	2070.0
89	16	4	24	2019-06-22	2019-06-22	2089.0
35	15	4	2	2019-06-22	2019-06-25	1938.0
59	23	7	24	2019-06-21	2019-06-24	1840.0
20	1	10	2	2019-06-17	2019-06-17	2020.0
80	16	1	9	2019-06-15	2019-06-17	1812.0
40	21	1	9	2019-06-15	2019-06-19	1888.0
72	7	2	25	2019-06-14	2019-06-14	1813.0
13	20	6	9	2019-06-12	2019-06-17	2089.0
100	15	8	20	2019-06-12	2019-06-14	1939.0
45	13	9	21	2019-06-08	2019-06-10	1971.0
71	6	1	9	2019-06-08	2019-06-08	1853.0
28	15	3	1	2019-06-05	2019-06-07	1997.0



Limite

```
0: jdbc:hive2://> select * from locacao limit 5;  
OK
```

locacao.idlocacao	locacao.idcliente	locacao.iddespachante	locacao.idveiculo	locacao.datalocacao	locacao.dataentrega	locacao.total
1	3	5	22	2019-02-20	2019-02-20	1996.0
2	5	5	7	2019-06-30	2019-07-03	1843.0
3	17	5	3	2019-03-09	2019-03-11	2016.0
4	24	3	6	2019-04-19	2019-04-22	1857.0
5	8	10	3	2019-02-24	2019-02-26	2049.0



Limite

```
0: jdbc:hive2://> select * from locacao order by datalocacao limit 5;
```

locacao.idlocacao	locacao.idcliente	locacao.iddespachante	locacao.idveiculo	locacao.datalocacao	locacao.dataentrega	locacao.total
69	11	6	20	2019-02-20	2019-02-21	1858.0
41	17	10	4	2019-02-20	2019-02-25	2042.0
1	3	5	22	2019-02-20	2019-02-20	1996.0
95	22	2	28	2019-02-21	2019-02-21	1861.0
15	10	10	1	2019-02-22	2019-02-23	2071.0



Agregação

```
0: jdbc:hive2://> select max(total) from locacao;
+-----+
| _c0    |
+-----+
| 2100.0 |
+-----+
0: jdbc:hive2://> select min(total) from locacao;
+-----+
| _c0    |
+-----+
| 1800.0 |
+-----+
```

count, avg, sum...



Like

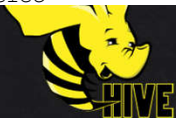
```
0: jdbc:hive2://> select * from veiculos where modelo like 'BMW%';
OK
```

veiculos.idveiculo	veiculos.dataaquisicao	veiculos.ano	veiculos.modelo	veiculos.placa	veiculos.status	veiculos.diaria
3	2019-01-10	2019	BMW 750i xDrive	LWJ2931	Disponivel	1450.0
7	2019-01-06	2019	BMW 750i xDrive	LWJ2935	Disponivel	1450.0
9	2019-01-27	2019	BMW 750i xDrive	LWJ2937	Disponivel	1450.0
12	2019-01-27	2019	BMW 750i xDrive	LWJ2940	Disponivel	1450.0
18	2019-01-24	2019	BMW 750i xDrive	LWJ2946	Disponivel	1450.0
23	2019-01-13	2019	BMW 750i xDrive	LWJ2951	Disponivel	1450.0
26	2019-01-05	2019	BMW 750i xDrive	LWJ2954	Disponivel	1450.0
28	2019-01-28	2019	BMW 750i xDrive	LWJ2956	Disponivel	1450.0
30	2019-01-12	2019	BMW 750i xDrive	LWJ2958	Disponivel	1450.0

```
0: jdbc:hive2://> select * from veiculos where modelo like '%T8%';
OK
```

veiculos.idveiculo	veiculos.dataaquisicao	veiculos.ano	veiculos.modelo	veiculos.placa	veiculos.status	veiculos.diaria
2	2019-01-04	2019	Volvo XC90 T8 Hybrid	LWJ2930	Disponivel	1600.0
6	2019-01-30	2019	Volvo XC90 T8 Hybrid	LWJ2934	Disponivel	1600.0
15	2019-01-07	2019	Volvo XC90 T8 Hybrid	LWJ2943	Disponivel	1600.0
16	2019-01-25	2019	Volvo XC90 T8 Hybrid	LWJ2944	Disponivel	1600.0
17	2019-01-22	2019	Volvo XC90 T8 Hybrid	LWJ2945	Disponivel	1600.0
20	2019-01-30	2019	Volvo XC90 T8 Hybrid	LWJ2948	Disponivel	1600.0
24	2019-01-05	2019	Volvo XC90 T8 Hybrid	LWJ2952	Disponivel	1600.0

```
selec
```



IN

```
0: jdbc:hive2://> select * from despachantes where filial in ('Santa Maria','Novo Hamburgo');  
OK
```

despachantes.iddespachante	despachantes.nome	despachantes.status	despachantes.filial
1	Carmina Pestana	Ativo	Santa Maria
2	Deolinda Vilela	Ativo	Novo Hamburgo
7	Noêmia Orriça	Ativo	Santa Maria



Between

```
0: jdbc:hive2://> select * from locacao where total between 1990 and 2000;  
OK
```

locacao.idlocacao	locacao.idcliente	locacao.iddespachante	locacao.idveiculo	locacao.datalocacao	locacao.dataentrega	locacao.total
1	3	5	22	2019-02-20	2019-02-20	1996.0
28	15	3	1	2019-06-05	2019-06-07	1997.0
56	16	3	28	2019-03-18	2019-03-21	1991.0
83	11	6	2	2019-04-01	2019-04-05	1990.0

