

1) Найти топ 20 фильмов по рейтингу (фильмы были оценены не менее 1000 пользователями)

```
0: jdbc:hive2://localhost:10000> select * from topfilm_20
.....> ;
```

topfilm_20.movieid	topfilm_20.name	topfilm_20.rating	topfilm_20.cnt
318	Shawshank Redemption, The (1994)	4.554557700942973	2227
858	Godfather, The (1972)	4.524966261808367	2223
50	Usual Suspects, The (1995)	4.517106001121705	1783
527	Schindler's List (1993)	4.510416666666667	2304
1198	Raiders of the Lost Ark (1981)	4.477724741447892	2514
904	Rear Window (1954)	4.476190476190476	1050
260	Star Wars: Episode IV - A New Hope (1977)	4.453694416583082	2991
750	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb (1963)	4.4498902706656915	1367
912	Casablanca (1942)	4.412822049131217	1669
2762	Sixth Sense, The (1999)	4.406262708418057	2459
913	Maltese Falcon, The (1941)	4.395973154362416	1043
1193	One Flew Over the Cuckoo's Nest (1975)	4.390724637681159	1725
923	Citizen Kane (1941)	4.388888888888889	1116
908	North by Northwest (1959)	4.38403041825095	1315
1221	Godfather: Part II, The (1974)	4.357565011820331	1692
593	Silence of the Lambs, The (1991)	4.3518231186966645	2578
1252	Chinatown (1974)	4.339240506329114	1185
2028	Saving Private Ryan (1998)	4.337353938937053	2653
1136	Monty Python and the Holy Grail (1974)	4.335209505941213	1599
2324	Life Is Beautiful (La Vita ? bella) (1997)	4.329861111111111	1152

2) Найти топ 20 фильмов по рейтингу (фильмы были оценены не менее 100 мужчинами)

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No rows affected (15.659 seconds)
0: jdbc:hive2://localhost:10000> select * from topfilm_20M;
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topfilm_20m.movieid	topfilm_20m.name	topfilm_20m.rating	topfilm_20m.cnt
858	Godfather, The (1972)	4.583333333333333	1740
2019	Seven Samurai (The Magnificent Seven) (Shichinin no samurai) (1954)	4.576628352490421	522
318	Shawshank Redemption, The (1994)	4.560625	1600
1198	Raiders of the Lost Ark (1981)	4.520597322348094	1942
50	Usual Suspects, The (1995)	4.518248175182482	1370
260	Star Wars: Episode IV - A New Hope (1977)	4.495307167235495	2344
527	Schindler's List (1993)	4.49141503848431	1689
1178	Paths of Glory (1957)	4.485148514851486	202
1148	Wrong Trousers, The (1993)	4.478260869565218	644
745	Close Shave, A (1995)	4.473794549266247	477
904	Rear Window (1954)	4.4729907773386035	759
3435	Double Indemnity (1944)	4.468354430379747	395
750	Dr. Strangelove or: How I Learned to Stop Worrying and Love the Bomb (1963)	4.464788732394366	1136
922	Sunset Blvd. (a.k.a. Sunset Boulevard) (1950)	4.4645892351274785	353
912	Casablanca (1942)	4.461340206185567	1164
1212	Third Man, The (1949)	4.448275862068965	377
1204	Lawrence of Arabia (1962)	4.439821693907875	673
1221	Godfather: Part II, The (1974)	4.437777777777778	1350
1193	One Flew Over the Cuckoo's Nest (1975)	4.418423106947697	1281
913	Maltese Falcon, The (1941)	4.410891089108911	808

3) Найти топ 20 фильмов по рейтингу (фильмы были оценены не менее 100 женщинами)

```
0: jdbc:hive2://localhost:10000> select * from topfilm_20F;
```

topfilm_20f.movieid	topfilm_20f.name	topfilm_20f.rating	topfilm_20f.cnt
745	Close Shave, A (1995)	4.644444444444445	180
1148	Wrong Trousers, The (1993)	4.588235294117647	238
922	Sunset Blvd. (a.k.a. Sunset Boulevard) (1950)	4.572649572649572	117
720	Wallace & Gromit: The Best of Aardman Animation (1996)	4.563106796116505	103
527	Schindler's List (1993)	4.56260162601626	615
318	Shawshank Redemption, The (1994)	4.539074960127592	627
1223	Grand Day Out, A (1992)	4.537878787878788	132
1207	To Kill a Mockingbird (1962)	4.536666666666667	300
50	Usual Suspects, The (1995)	4.513317191283293	413
905	It Happened One Night (1934)	4.5	130
904	Rear Window (1954)	4.484536082474227	291
2019	Seven Samurai (The Magnificent Seven) (Shichinin no samurai) (1954)	4.481132075471698	106
2762	Sixth Sense, The (1999)	4.477409638554217	664
1212	Third Man, The (1949)	4.466019417475728	103
910	Some Like It Hot (1959)	4.462745098039216	255
930	Notorious (1946)	4.448717948717949	156
898	Philadelphia Story, The (1940)	4.446808510638298	235
2324	Life Is Beautiful (La Vita ? bella) (1997)	4.422343324250681	367
2186	Strangers on a Train (1951)	4.4148148148148145	135
1299	Killing Fields, The (1984)	4.378048780487805	164

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20 rows selected (0.267 seconds)
0: jdbc:hive2://localhost:10000>
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4) Топ-5 драм по рейтингу (фильмы были оценены не менее 100 пользователя)

```
0: jdbc:hive2://localhost:10000> select * from top5_drama
.....> ;
```

top5_drama.movieid	top5_drama.name	top5_drama.type	top5_drama.rating	top5_drama.cnt
2019	Seven Samurai (The Magnificent Seven) (Shichinin no samurai) (1954)	Action Drama	4.560509554140127	628
318	Shawshank Redemption, The (1994)	Drama	4.554557700942973	2227
858	Godfather, The (1972)	Action Crime Drama	4.524966261808367	2223
527	Schindler's List (1993)	Drama War	4.510416666666667	2304
1178	Paths of Glory (1957)	Drama War	4.473913043478261	230

5) Топ-20 пользователей, которые больше всех смотрели фильмы

```
0: jdbc:hive2://localhost:10000> select * from top20_users;
```

top20_users.userid	top20_users.gender	top20_users.cnt
4169	M	2314
1680	M	1850
4277	M	1743
1941	M	1595
1181	M	1521
889	M	1518
3618	M	1344
2063	M	1323
1150	F	1302
1015	M	1286
5795	M	1277
4344	M	1271
1980	M	1260
2909	M	1258
1449	M	1243
4510	M	1240
424	M	1226
4227	M	1222
5831	M	1220
3391	M	1216