

## Trabalho Final - Computação Nuvens

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# Tabela

customers\_rating

Nome da coluna	#	Tipo de dado
123 Cust_Id	1	int(11)
ABC Rating	2	varchar(50)
🕒 Date	3	date
123 Movie_Id	4	int(11)

movie

Nome da coluna	#	Tipo de dado
123 id	1	int(11)
ABC movi	2	varchar(250)

## Questões

1. Quantos filmes estão disponíveis no dataset?

SELECT COUNT(DISTINCT mv.movi) from movie as mv;

🔒	123 COUNT(DISTINCT mv.movi) 🔼🔼
1	4.498

2. Qual é o nome dos 5 filmes com melhor média de avaliação?

SELECT mv.movi, AVG(Rating) from movie as mv INNER JOIN customers\_rating cr  
ON mv.id = cr.Movie\_Id  
GROUP BY mv.movi  
ORDER BY AVG(Rating) DESC LIMIT 5;

	ABC movi 🔼	123 AVG(Rating) 🔼
1	(Lost: Season 1, 2004)	4,6709891019
2	(Ghost in the Shell: Stand Alone Complex: 2nd Gig, 2005)	4,5863636364
3	(The Simpsons: Season 6, 1994)	4,5812959886
4	(Inu-Yasha, 2000)	4,5544344132
5	(Lord of the Rings: The Return of the King: Extended Edition: Bonus Material, 2003)	4,552

3. Quais os 9 anos com menos lançamentos de filmes?

```
SELECT COUNT( mv.movi) AS QUANT, DATE_FORMAT(cr.`Date`, "%Y") AS ANO
from movie as mv INNER JOIN customers_rating cr
ON mv.id = cr.Movie_Id
GROUP BY DATE_FORMAT(cr.`Date`, "%Y")
ORDER BY COUNT( mv.movi)
LIMIT 09;
```

	123 QUANT T↑	ABC ANO T↑
1	426	1999
2	193.255	2000
3	370.691	2001
4	959.548	2002
5	2.397.989	2003
6	7.569.628	2004
7	12.562.227	2005

4. **Quantos filmes que possuem avaliação maior ou igual a 4.7, considerando apenas os filmes avaliados na última data de avaliação do dataset?**

```
SELECT COUNT(mv.movi) AS QUANT from movie as mv INNER JOIN
customers_rating cr
ON mv.id = cr.Movie_Id
WHERE cr.Rating >= 4.7 AND Date in (SELECT MAX(Date) from customers_rating);
```

	123 QUANT T↑
1	2.167

5. **Dos filmes encontrados na questão anterior, quais são os 10 filmes com as piores notas e quais as notas?**

```
SELECT mv.movi, MIN(cr.Rating) as Notas from movie as mv INNER JOIN
customers_rating cr
ON mv.id = cr.Movie_Id
WHERE cr.Rating >= 4.7 AND Date in (SELECT MAX(Date) from customers_rating)
GROUP BY mv.movi
ORDER BY MIN(cr.Rating) DESC LIMIT 10;
```

	asc movi	asc Notas
1	(Hercules: The Legendary Journeys: Seas	5.0
2	(Gilmore Girls: Season 3, 2002)	5.0
3	(Ever After: A Cinderella Story, 1998)	5.0
4	(Signs, 2002)	5.0
5	(Wonderfalls: The Complete Series, 2004	5.0
6	(50 First Dates, 2004)	5.0
7	(Outfoxed: Rupert Murdoch's War on Jou	5.0
8	(Torch Song Trilogy, 1988)	5.0
9	(Flatliners, 1990)	5.0
10	(Gentlemen Prefer Blondes, 1953)	5.0

**6. Quais os id's dos 5 customers que mais avaliaram filmes e quantas avaliações cada um fez?**

```
SELECT Cust_Id, COUNT(Cust_Id) as Avaliacoes from customers_rating cr
GROUP by Cust_Id
ORDER BY COUNT(Cust_Id) DESC
LIMIT 5
```

	123 Cust_Id	123 Avaliacoes
1	305.344	4.467
2	387.418	4.422
3	2.439.493	4.195
4	1.664.010	4.019
5	2.118.461	3.769