```sql
43    -- 1. Count the number of Movies vs TV Shows
44
45  ∨ select type,count(type)
46    from netflix
47    group by type;
48
```

Data Output   Messages   Notifications

Showing rows: 1 to 2   Page No

type character varying (10) 🔒	count bigint 🔒
Movie	6131
TV Show	2676

```sql
-- 2. Find the most common rating for movies and TV shows
select type,rating from
(select type,rating,count(rating) counts,
row_number() over(partition by type order by count(rating) desc) as ramk
from netflix
group by type,rating order by type desc) as sq
where ramk=1;
```

Data Output   Messages   Notifications

Showing rows: 1 to 2   Page No: 1   of 1

	type character varying (10)	rating character varying (10)
1	TV Show	TV-MA
2	Movie	TV-MA

```sql
57    -- 3. List all movies released in a specific year (e.g., 2020)
58  ∨ select title as movies_released_in_2020
59    from netflix
60    where type='Movie' and release_year=2020;
61
62    -- Find the top 5 countries with the most content on Netflix
```

Data Output   Messages   Notifications

Showing rows: 1 to 517   Page No: 1

	movies_released_in_2020 character varying (110)
1	Cops and Robbers
2	Vir Das: Outside In - The Lockdown Special
3	Michael McIntyre: Showman
4	Dick Johnson Is Dead
5	WHAT DID JACK DO?
6	Rising Phoenix
7	One Take

```sql
62    -- 4.Find the top 5 countries with the most content on Netflix
63  ⌄ select unnest(string_to_array(country,',')) as new_country,count(*)
64    from netflix
65    group by 1
66    order by 2 desc
67    limit 5
68    ;
69
```

Data Output   Messages   Notifications

Showing rows: 1 to 517   Page No: 1   of 1

	movies_released_in_2020 character varying (110) 🔒
1	Cops and Robbers
2	Vir Das: Outside In - The Lockdown Special
3	Michael McIntyre: Showman
4	Dick Johnson Is Dead
5	WHAT DID JACK DO?
6	Rising Phoenix
7	One Take

```
70    -- 5. Identify the longest movie
71  ⌄ select title,cast(replace(duration,' min','')as integer)as duration
72    from netflix
73    where type='Movie' and duration is not null
74    order by duration desc
75    limit 1;
76
```

Data Output   Messages   Notifications

Notifications

Showing rows: 1 to 1   Page No: 1

title character varying (110)	duration integer
Black Mirror: Bandersnatch	312

```
80   -- 6. Find content added in the last 5 years
81 ∨ select * from netflix
82   where to_date(date_added,'YYYY,MM,DD') >= current_date-interval '5 years';
83
84
```

Data Output   Messages   Notifications

Showing rows: 1 to 1000   Page No: 1   of 3

	show_id character varying (10)	type character varying (10)	title character varying (110)	director character varying (210)
1	s1046	TV Show	Next in Fashion	[null]
2	s1485	Movie	Cops and Robbers	Arnon Manor, Timothy
3	s1543	Movie	Vir Das: Outside In - The Lockdown Special	Vir Das
4	s1995	TV Show	Sing On!	[null]
5	s2001	Movie	Michael McIntyre: Showman	Chris Howe
6	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson
7	s23	Movie	Avvai Shanmughi	K.S. Ravikumar
8	s2153	TV Show	Selling Sunset	[null]
9	s2226	TV Show	Gigantosaurus	[null]
10	s24	Movie	Col Col Cory Carson: Chrissy Takes the Wheel	Alex Woo, Stanley Moo

```
86    -- 7. Find all the movies/TV shows by director 'Rajiv Chilaka'!
87
88 ∨  select title as directed_by_Rajiv_Chilaka
89    from netflix
90    where director ilike '%Rajiv Chilaka%';
91
```

Data Output   Messages   Notifications

Showing rows: 1 to 22   Page No: 1   of 1

	directed_by_rajiv_chilaka 🔒 character varying (110)
1	Chhota Bheem & Ganesh
2	Chhota Bheem & Krishna: Mayanagari
3	Chhota Bheem - Neeli Pahaadi
4	Chhota Bheem & Krishna: Pataliputra- City of the Dead
5	Chhota Bheem And The Broken Amulet
6	Chhota Bheem And The Crown of Valhalla
7	Chhota Bheem and the Incan Adventure
8	Chhota Bheem and The ShiNobi Secret
9	Chhota Bheem Aur Hanuman
10	Chhota Bheem aur Krishna

```
93   -- 8. List all TV shows with more t[Alt][F5]ons
94
95 ∨ with cte as(
96     select title,cast(split_part(duration,' ',1)as integer) as seasons
97     from netflix
98     where type='TV Show'
99     order by 2 desc
100    )
101    select * from cte
102    where seasons>5;
```

Data Output   Messages   Notifications

Showing rows: 1 to 99   Page No: 1   of 1

	title character varying (110)	seasons integer
1	Grey's Anatomy	17
2	NCIS	15
3	Supernatural	15
4	Red vs. Blue	13
5	COMEDIANS of the world	13
6	Heartland	13
7	Criminal Minds	12

Total rows: 99   Query complete 00:00:00.219   CRLF   Ln 99, Col

```sql
-- 9. Count the number of content items in each genre
select * from netflix;
select genre,count(*) as contents
from(
select *,unnest(string_to_array(listed_in,',')) as genre
from netflix
)as sq group by genre order by 2 desc;
```

Data Output Messages Notifications

Showing rows: 1 to 73   Page No: 1   of 1

genre text	contents bigint
International Movies	2624
Dramas	1600
Comedies	1210
Action & Adventure	859
Documentaries	829
Dramas	827
International TV Shows	774
Independent Movies	736

```sql
113    -- 10.Find each year and the average numbers of content release in India on netflix.
114    --      return top 5 year with highest avg content release!
115
116 ⌄  with cte1 as(
117    select split_part(date_added,'-',1)::int as ryear,count(*) as num_ from netflix
118    where country ilike '%India%'
119    group by ryear
120    )
121    select ryear,num_,round((((num_/(select sum(num_) from cte1))*100),2) as average_content
122    from cte1
123    order by 2 desc
124    limit 5;
```

Data Output   Messages   Notifications

Showing rows: 1 to 5   Page No: 1   of 1

	ryear integer	num_ bigint	average_content numeric
1	2018	349	33.37
2	2019	218	20.84
3	2020	199	19.02
4	2017	162	15.49
5	2021	105	10.04

```sql
126   -- 11. List all movies that are documentaries
127 v select title from netflix
128   where listed_in ilike '%documentaries%'
129        and type='Movie';
130
```

Data Output   Messages   Notifications

SQL   Showing rows: 1 to 869   Page No: 1   of 1

	title character varying (110)
1	Dick Johnson Is Dead
2	Dolly Parton: A MusiCares Tribute
3	Connected
4	The Most Unknown
5	Rising Phoenix
6	Schumacher
7	Stars in the Sky: A Hunting Story
8	One Take

```
131    -- 12. Find all content without a director
132    select * from netflix where director is null;
133
```

Data Output   Messages   Notifications

Showing rows: 1 to 1000   Page No: 1   of 3

	show_id character varying (10) 🔒	type character varying (10) 🔒	title character varying (110) 🔒	director character varyin
1	s4655	TV Show	First and Last	[null]
2	s8176	TV Show	The 2000s	[null]
3	s7460	TV Show	Minute to Win It	[null]
4	s1046	TV Show	Next in Fashion	[null]
5	s1995	TV Show	Sing On!	[null]
6	s2153	TV Show	Selling Sunset	[null]
7	s2226	TV Show	Gigantosaurus	[null]
8	s66	TV Show	Numberblocks	[null]
9	s67	TV Show	Raja Rasoi Aur Anya Kahaniyan	

```sql
134   -- 13. Find how many movies actor 'Salman Khan' appeared in last 10 years!
135 v select count(*) as total_appearrences_of_salman_khan
136   from netflix
137   where casts ilike '%salman khan%'
138   and release_year >= extract(year from current_date-interval '10 years');
139
```

Data Output   Messages   Notifications

Showing rows: 1 to 1   Page No: 1   of 1

	total_appearrences_of_salman_khan 🔒 bigint
1	2

```sql
-- 14. Find the top 10 actors who have appeared in the highest number of movies
-- produced in India.
with cte as(
select *,unnest(string_to_array(casts,',')) as actors from netflix
where country ilike '%India%' and type='Movie'
)
select actors,count(*) as appearences from cte
group by 1 order by 2 desc
limit 10
;
```

Data Output   Messages   Notifications

Showing rows: 1 to 10   Page No: 1   of 1

	actors text	appearences bigint
1	Anupam Kher	36
2	Om Puri	26
3	Paresh Rawal	25
4	Boman Irani	25
5	Shah Rukh Khan	25
6	Akshay Kumar	23

```sql
/*15.
Categorize the content based on the presence of the keywords 'kill' and 'violence' in
the description field. Label content containing these keywords as 'Bad' and all other
content as 'Good'. Count how many items fall into each category.   */

select catogery,count(*)
from(
select *,
case
    when description ilike '%kill%' or description ilike '%violence%' then 'Bad'
    else 'Good' end as catogery
from netflix
) as cato
group by catogery;
```

Data Output   Messages   Notifications

Showing rows: 1 to 2   Page No: 1   of 1

	catogery text	count bigint
1	Good	8465
2	Bad	342