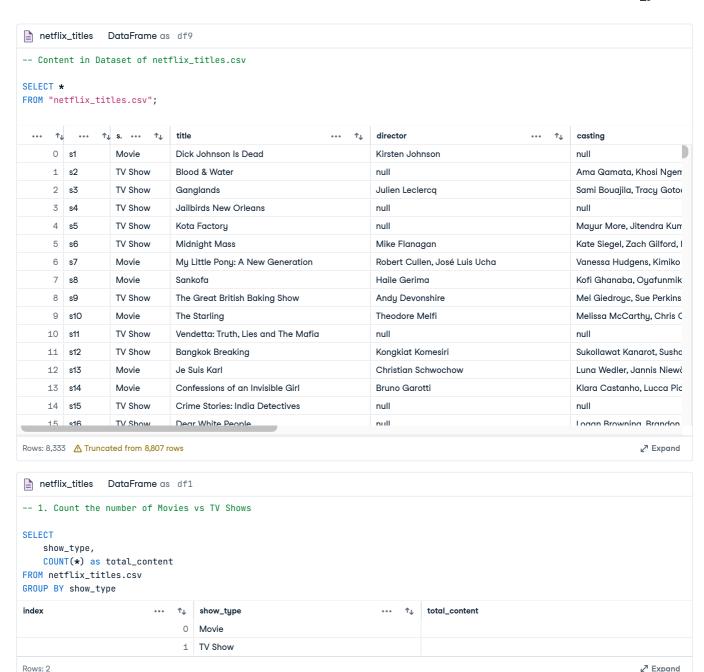
NETFLIX\_MOVIES\_ANALYSIS





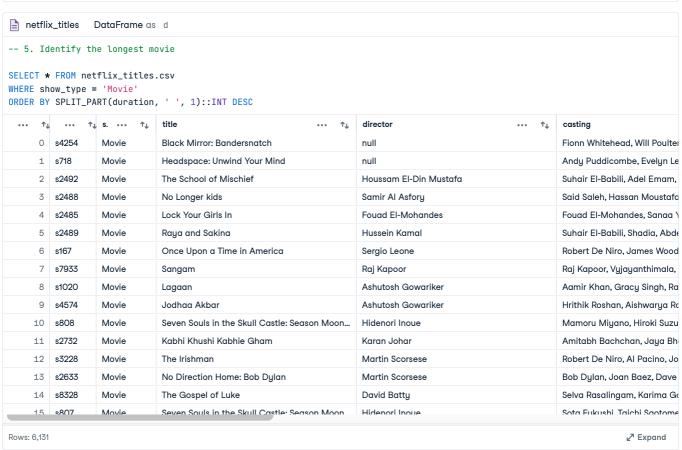
```
netflix_titles DataFrame as df
-- 2. Find the most common rating for movies and TV shows
WITH RatingCounts AS (
   SELECT
       show_type,
       rating,
       COUNT(*) AS rating_count
   FROM netflix_titles.csv
   GROUP BY show_type, rating
),
RankedRatings AS (
    SELECT
       show_type,
       rating,
       rating_count,
       RANK() OVER (PARTITION BY show_type ORDER BY rating_count DESC) AS rank
   FROM RatingCounts
SELECT
   show_type,
   rating AS most_frequent_rating
FROM RankedRatings
WHERE rank = 1;
index
                  ••• ↑↓ show_type
                                                               most_frequent_rating
                                                               TV-MA
                        0 Movie
                        1 TV Show
                                                               TV-MA

∠ Expand

Rows: 2
```

LECT *	flix_titl	es.csv	ed in a specific year (e.g., 2021)  D release_year = 2021		
1	••• ↑↓	s. ••• † <sub>↓</sub>	title ··· ↑↓	director ··· ↑↓	casting
0	s7	Movie	My Little Pony: A New Generation	Robert Cullen, José Luis Ucha	Vanessa Hudgens, Kimil
1	s10	Movie	The Starling	Theodore Melfi	Melissa McCarthy, Chri
2	s13	Movie	Je Suis Karl	Christian Schwochow	Luna Wedler, Jannis Nie
3	s14	Movie	Confessions of an Invisible Girl	Bruno Garotti	Klara Castanho, Lucca
4	s19	Movie	Intrusion	Adam Salky	Freida Pinto, Logan Ma
5	s24	Movie	Go! Go! Cory Carson: Chrissy Takes the Wheel	Alex Woo, Stanley Moore	Maisie Benson, Paul Kil
6	s31	Movie	Ankahi Kahaniya	Ashwiny Iyer Tiwari, Abhishek Chaubey, Sake	Abhishek Banerjee, Rin
7	s36	Movie	The Father Who Moves Mountains	Daniel Sandu	Adrian Titieni, Elena Pu
8	s37	Movie	The Stronghold	Cédric Jimenez	Gilles Lellouche, Karim
9	s46	Movie	My Heroes Were Cowboys	Tyler Greco	null
10	s65	Movie	Nightbooks	David Yarovesky	Winslow Fegley, Lidya
11	s69	Movie	Schumacher	Hanns-Bruno Kammertöns, Vanessa Nöcker,	Michael Schumacher
12	s72	Movie	A StoryBots Space Adventure	David A. Vargas	Evan Spiridellis, Erin Fit
13	s76	Movie	You vs. Wild: Out Cold	Ben Simms	Bear Grylls, Jason Dere
14	s78	Movie	Little Singham - Black Shadow	Prakash Satam	Sumriddhi Shukla, Jigno
15	980	Movie	Tuahlaa Durbar (Teluau)	Delhiprasad Deepadayalan	Viigu Sethungthi, Parth

```
netflix_titles
                 DataFrame as df3
-- 4. Find the top 5 countries with the most content on Netflix
SELECT country, COUNT(*) AS total_content
    SELECT TRIM(s) AS country
    FROM "netflix_titles.csv",
    LATERAL unnest(str_split(country, ',')) AS t(s)
) t1
WHERE country IS NOT NULL AND country <> ''
GROUP BY country
ORDER BY total_content DESC
LIMIT 5;
  ••• ↑↓ country
                             total_c... ···
                                          \uparrow_{\downarrow}
      0 United States
                                        3690
         India
                                        1046
      1
      2
         United Kingdom
                                         806
      3
         Canada
                                          445
      4
         France
                                          393
Rows: 5
                                                                                                                                 ✓ Expand
```



```
netflix_titles
                 DataFrame as
-- 6. Find content added in the last 5 years
SELECT *
FROM "netflix_titles.csv"
WHERE strptime(date_added, '%B %d, %Y') >= current_date - INTERVAL '5 years';
      Λ↓
                 ↑ s. · · · ↑
                                                                                                                 ... ↑↓
                                                                                                                           casting
      0
         s1
                    Movie
                                  Dick Johnson Is Dead
                                                                               Kirsten Johnson
      1
          s2
                    TV Show
                                  Blood & Water
                                                                               null
                                                                                                                           Ama Qamata, Khosi Ngema,
      2
          s3
                    TV Show
                                  Ganglands
                                                                               Julien Leclercq
                                                                                                                           Sami Bouajila, Tracy Gotoas,
      3
                    TV Show
                                  Jailbirds New Orleans
                                                                               null
                                                                                                                           null
          s4
      4 s5
                    TV Show
                                  Kota Factory
                                                                               null
                                                                                                                           Mayur More, Jitendra Kumar
      5
          s6
                    TV Show
                                  Midnight Mass
                                                                               Mike Flanagan
                                                                                                                           Kate Siegel, Zach Gilford, Ha
      6 s7
                    Movie
                                  My Little Pony: A New Generation
                                                                               Robert Cullen, José Luis Ucha
                                                                                                                           Vanessa Hudgens, Kimiko Gl
      7
                                                                               Haile Gerima
                                                                                                                           Kofi Ghanaba, Oyafunmike (
          s8
                    Movie
                                  Sankofa
      8
          s9
                    TV Show
                                  The Great British Baking Show
                                                                               Andy Devonshire
                                                                                                                           Mel Giedroyc, Sue Perkins, M
      9 s10
                                  The Starling
                                                                               Theodore Melfi
                                                                                                                           Melissa McCarthy, Chris O'D
                    Movie
     10 s11
                    TV Show
                                  Vendetta: Truth, Lies and The Mafia
          s12
                    TV Show
                                  Bangkok Breaking
                                                                               Kongkiat Komesiri
                                                                                                                           Sukollawat Kanarot, Sushar N
     11
                                                                               Christian Schwochow
     12
          s13
                    Movie
                                  Je Suis Karl
                                                                                                                           Luna Wedler, Jannis Niewöhr
     13
          s14
                    Movie
                                  Confessions of an Invisible Girl
                                                                               Bruno Garotti
                                                                                                                           Klara Castanho, Lucca Picon
                                  Crime Stories: India Detectives
                                                                               null
     14 s15
                    TV Show
                                                                                                                           null
                     TV Show
                                  Dear White People
                                                                                                                           Logan Browning Brandon P I
Rows: 2,125
                                                                                                                                          Expand
```

```
netflix_titles
                DataFrame as
-- 7. Find each year and the average numbers of content release by India on netflix.
-- return top 5 year with highest avg content release !
SELECT
    country,
    release_year,
    COUNT(show_id) as total_release,
    ROUND(
        COUNT(show_id)::numeric/(SELECT COUNT(show_id) FROM netflix_titles.csv WHERE country = 'India')::numeric * 100 ,2) as
avg_release
FROM netflix_titles.csv
WHERE country = 'India'
GROUP BY country, 2
ORDER BY avg_release DESC
LIMIT 5
  ••• ↑」
               ↑ relea... ••• ↑
                                   total_r... ···
                                               ŤΨ
                                                    av...
                                                             ŤΨ
                                              101
                                                            10.39
      0
        India
                            2017
         India
                            2018
                                                             9.67
      1
                                                94
                            2019
                                                             8.95
         India
                                                87
      3
         India
                            2020
                                                75
                                                             7.72
                            2016
                                                73
                                                             7.51
      4
         India
Rows: 5
                                                                                                                            Expand
```

