

SQL Project : Youtube Dataset

q.1 select every things

```
4 • select * from global_youtube;
5
```

rank	Youtuber	subscribers	video_views	category	Title	uploads	Country	Abbreviation	channel_type	video_views_rank	country_rank	video_views_for_the_last
1	T-Series	245000000	228000000000	Music	T-Series	20082	India	IN	Music	1	1	2258000000
2	YouTube Movies	170000000	0	Film & Animation	youtubemovies	1	United States	US	Games	4055159	7670	12
3	MrBeast	166000000	28368841870	Entertainment	MrBeast	741	United States	US	Entertainment	48	1	1348000000
4	Cocomelon - Nursery Rhymes	162000000	164000000000	Education	Cocomelon - Nursery Rhymes	966	United States	US	Education	2	2	1975000000
5	SET India	159000000	148000000000	Shows	SET India	116536	India	IN	Entertainment	3	2	1824000000
7	Yyy Kids Diana Show	112000000	93247040539	People & Blogs	Yyy Kids Diana Show	1111	United States	US	Entertainment	5	3	731674000
8	PewDiePie	111000000	29058044447	Gaming	PewDiePie	4716	Japan	JP	Entertainment	44	1	39184000
9	Like Nastya	106000000	90479060027	People & Blogs	Like Nastya Vlog	493	Russia	RU	People	630	5	48947000
10	Vlad and Niki	98900000	77180169894	Entertainment	Vlad and Niki	574	United States	US	Entertainment	8	5	580574000
11	Zee Music Company	96700000	57856289381	Music	Zee Music Company	8548	India	IN	Music	12	3	803613000
12	WWE	96000000	77428473662	Sports	WWE	70127	United States	US	Sports	7	6	714614000
14	BLACKPINK	89800000	32144597566	People & Blogs	BLACKPINK	543	South Korea	KR	Music	32	1	498930000

Content: [1A](#)

ays	lowest_monthly_earnings	highest_monthly_earnings	lowest_yearly_earnings	highest_yearly_earnings	subscribers_for_last_30_days	created_year
564600	9000000	6800000	108400000	2000000	2006	
0	0.05	0.04	0.58	nan	2006	
337000	5400000	4000000	64700000	8000000	2012	
493800	7900000	5900000	94800000	1000000	2006	
455900	7300000	5500000	87500000	1000000	2006	
182900	2900000	2200000	35100000	nan	2015	
9800	156700	117600	1900000	nan	2010	
12200	195800	146800	2300000	100000	2016	
145100	2300000	1700000	27900000	600000	2018	
200900	3200000	2400000	38600000	1100000	2014	
178700	2900000	2100000	34300000	600000	2007	
124700	2000000	1500000	23900000	700000	2016	

Q.2 : Remove columns

```
8
9 • ALTER TABLE global_youtube
10 drop column gs , drop column ur;
11
12
```

Q.3 : Total Country

15

```
16 • select count(distinct Country) as unique_country from global_youtube;  
17
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
unique_country				
▶	47			

Q.4 : Avg Subscribers of youtube channel based on country

20

```
21 • select round(avg(subscribers),2) as avg_sub, Country from global_youtube  
22 group by Country  
23 order by avg_sub desc  
24 limit 5;
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
avg_sub Country				
▶	46300000.00 Cuba			
	46100000.00 El Salvador			
	41900000.00 Barbados			
	37820000.00 Japan			
	31200000.00 Venezuela			

Q.5 : Total Youtube channel in india

```
--
30 • select count(youtuber)as total_channel from global_youtube
31     where Country = "india";
32
33
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
total_channel			
166			

Q.6 : Total film youtube channel in india

```
35 • select count(youtuber) as total_channel, category from global_youtube
36     where Country = "india" and category like "%film%"
37     group by category;
38
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
total_channel	category		
11	Film & Animation		

Q.7 : Total youtube channel in india and us

```
42 • select count(youtuber) as total_channel from global_youtube
43     where Country in ("india","united states");
44
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
total_channel			
471			

Q.8 : Top 5 youtube channel in india based on subscribers

```
46 • select youtuber , subscribers from global_youtube
47 where Country = "india"
48 order by subscribers desc
49 limit 5;
50
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	youtuber	subscribers
▶	T-Series	245000000
	SET India	159000000
	Zee Music Company	96700000
	Sony SAB	83000000
	Zee TV	70500000

Q.9 : Top 5 youtube channel based on subscriber.

```
53 • select Youtuber , subscribers
54 from global_youtube
55 order by subscribers desc
56 limit 5;
57
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	Youtuber	subscribers
▶	T-Series	245000000
	YouTube Movies	170000000
	MrBeast	166000000
	Cocomelon - Nursery Rhymes	162000000
	SET India	159000000

Q.10 : Top 5 youtube channel based on Upload.

```
59 • select Youtuber , uploads
60 from global_youtube
61 order by uploads desc
62 limit 5;
63
```

Result Grid	Filter Rows:	Export:	Wrap Cell C
Youtuber	uploads		
ABP NEWS	301308		
GMA Integrated News	296272		
TV9 Bharatvarsh	293516		
Aaj Tak	283775		
IndiaTV	273255		

Q.11 : Total youtuber based on category.

```
79 • select count(distinct Youtuber) as total_youtubers ,category from global_youtube
80 group by category
81 order by count(distinct Youtuber) desc;
82
83
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
total_youtubers	category		
208	Entertainment		
178	Music		
101	People & Blogs		
79	Gaming		
61	Comedy		
41	Education		
39	nan		
34	Film & Animation		
32	Howto & Style		
26	News & Politics		
13	Science & Tec...		
12	Shows		
11	Sports		
3	Pets & Animals		
2	Autos & Vehides		

Q.12 : total youtube channel based on country.

```
85 • select count(youtuber) as total_youtuber, country from global_youtube
86 group by Country
87 order by count(youtuber) desc;
88
89
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	total_youtuber	country		
▶	305	United States		
	166	India		
	60	Brazil		
	43	United Kingdom		
	30	Mexico		
	28	Indonesia		
	21	Spain		
	18	Thailand		
	17	South Korea		
	15	Russia		
	13	Canada		
	13	Argentina		
	12	Philippines		
	11	Colombia		
	8	Australia		

Q.13: Top 5 youtube channel by avg earning.

```
91 • select Youtuber , (highest_yearly_earnings+lowest_yearly_earnings)/2 as avg_earning
92 from global_youtube
93 order by avg_earning desc
94 limit 5;
95
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	Youtuber	avg_earning		
▶	ýýýýýýýý KIMPRO	86800000		
	DaFuq!?Boom!	58750000		
	T-Series	57600000		
	Cocomelon - Nursery Rhymes	50350000		
	SET India	46500000		

Q.14 : Create channel after 2010

```
98 • select created_year , count(Youtuber) as total_channel
99     from global_youtube
100    where created_year > 2010
101    group by created_year
102    order by created_year;
103
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
created_year	total_channel		
2011	76		
2012	62		
2013	66		
2014	94		
2015	66		
2016	61		
2017	54		
2018	38		
2019	24		
2020	21		
2021	16		
2022	3		

Q.15 : top category based on subscribers

```
107 • select category , sum(subscribers) as total_subscribers
108     from global_youtube
109     group by category
110     order by total_subscribers desc
111     limit 5;
112
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
category	total_subscribers		
Music	4613300000		
Entertainment	4474100000		
People & Blogs	2203900000		
Gaming	1601700000		
Comedy	1204100000		

Q.16: youtube channel top 3 in their country based on subscribers

```

150 • SELECT Youtuber, Country, subscribers
151 FROM (
152     SELECT Youtuber, Country, subscribers,
153           RANK() OVER (PARTITION BY Country ORDER BY subscribers DESC) AS Country_Rank
154     FROM global_youtube
155 ) AS Ranked
156 WHERE Country_Rank <= 3;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	Youtuber	Country	subscribers	
▶	El Reino Infantil	Argentina	58400000	
	La Granja de Zeniç½	Argentina	35700000	
	TheDonato	Argentina	31200000	
	Bounce Patrol - Kids Songs	Australia	27800000	
	Chloe Ting	Australia	24700000	
	LazarBeam	Australia	20500000	
	Jamuna TV	Bangladesh	13900000	
	Rihanna	Barbados	41900000	
	Canal KondZilla	Brazil	66500000	
	Felipe Neto	Brazil	45200000	
	Vodç½Vid½Vid½	Brazil	44700000	
	Justin Bieber	Canada	71600000	
	Super Simple Songs - Kids...	Canada	39200000	