

# Youtube SQL Queries

```
1 -- Which Channel has the highest amount of subscribers?
2 SELECT
3     ec.channel_name,
4     ec.subscriber_count
5 FROM economy_channels ec
6 ORDER BY subscriber_count DESC
7 LIMIT 1;
```

Data Output Messages Notifications

	channel_name character varying (255)	subscriber_count integer
1	Economics Explained	2480000

```
1 --Which Video has the highest View count?
2 SELECT
3     ev.channel_name,
4     ev.video_title,
5     ev.viewcount AS highest_views
6 FROM economy_videos ev
7 ORDER BY viewcount DESC
8 LIMIT 1;
```

Data Output Messages Notifications

	channel_name character varying (255)	video_title text	highest_views integer
1	Economics Explained	MIT Has Predicted that Society Will Collapse in 2040   Economics Explain...	13292173

# Youtube SQL Queries

```
1 -- How many Videos has each channel published?
2 SELECT
3     channel_name,
4     video_count
5 FROM economy_channels;
```

Data Output Messages Notifications

	channel_name character varying (255)	video_count integer
1	Los Locos de Wall Street	698
2	New Money	312
3	Economics Explained	340
4	How Money Works	201
5	Juan Ramón Rallo	2171

```
1 -- Which is the Date of creation of the channel with most videos?
2 WITH max_video_channel AS(
3     SELECT
4         channel_name,
5         COUNT(video_title) as video_count
6     FROM economy_videos
7     GROUP BY channel_name
8     ORDER BY video_count DESC
9     LIMIT 1
10 )
11 SELECT
12     ec.channel_name,
13     ec.date_created
14 FROM economy_channels ec
15 JOIN max_video_channel mvc ON ec.channel_name = mvc.channel_name;
16
```

Data Output Messages Notifications

	channel_name character varying (255)	date_created date
1	Los Locos de Wall Street	2021-03-09

# Youtube SQL Queries

```
1 -- Which Video has the highest amount of likes?
2 SELECT
3     channel_name,
4     video_title,
5     likecount AS highest_likes
6 FROM economy_videos
7 WHERE likecount = (SELECT MAX(likecount)
8                    FROM economy_videos);
```

Data Output Messages Notifications

	channel_name character varying (255)	video_title text	highest_likes integer
1	How Money Works	How This Vandal Made \$200 Million by Spray Painting An Office Building - How Money Works #Sh...	318239

```
1 -- Which Channel has the highest amount of comments in total?
2 WITH max_channel_comment AS(
3     SELECT
4         ev.channel_name,
5         SUM(ev.commentcount) as channel_commentcount
6     FROM economy_videos ev
7     GROUP BY channel_name
8 )
9
10 SELECT
11     ec.channel_name,
12     mcc.channel_commentcount
13 FROM economy_channels ec
14 JOIN max_channel_comment mcc ON ec.channel_name = mcc.channel_name
15 ORDER BY channel_commentcount DESC
16 LIMIT 1;
```

Data Output Messages Notifications

	channel_name character varying (255)	channel_commentcount bigint
1	Economics Explained	762429

# Youtube SQL Queries

```
1 -- Which is most recent Video published in each channel?
2
3 --CTE Method:
4 WITH newest_videos AS(
5 SELECT *,
6 ROW_NUMBER() OVER (PARTITION BY ev.channel_name ORDER BY ev.date_published DESC) AS row_number
7 FROM economy_videos ev
8 )
9
10 SELECT channel_name, video_title,date_published
11 FROM newest_videos
12
13 WHERE row_number = 1;
```

Data Output Messages Notifications

	channel_name character varying (255)	video_title text	date_published date
1	Economics Explained	Why Canada Can't Solve Its Population Problem with Immigration	2024-02-24
2	How Money Works	The (Overdue) Collapse of the 9-5 Job	2024-02-24
3	Juan Ramón Rallo	José Luis Escrivá: 'En el PSOE somos más torpes robando'	2024-02-26
4	Los Locos de Wall Street	!!La IMPORTANCIA de saber VALORAR en la INVERSIÓN ⚠️ #inversión #bolsa #valoracion #locosdewallstr...	2024-02-13
5	New Money	Charlie Munger's Final Advice For 2024.	2024-02-12

```
1 -- Which are the Channels with most videos published in August?
2 SELECT
3     channel_name,
4     count(*) AS video_count_august
5 FROM economy_videos
6 WHERE EXTRACT(MONTH FROM date_published) = 8
7 GROUP BY channel_name;
```

Data Output Messages Notifications

	channel_name character varying (255)	video_count_august bigint
1	Economics Explained	24
2	How Money Works	18
3	Juan Ramón Rallo	30
4	Los Locos de Wall Street	34
5	New Money	29

# Youtube SQL Queries

```
-- Which Channel has the highest amount of comments in total?
WITH max_channel_comment AS(
    SELECT
        ev.channel_name,
        SUM(ev.commentcount) as channel_commentcount
    FROM economy_videos ev
    GROUP BY channel_name
)

SELECT
    ec.channel_name,
    mcc.channel_commentcount
FROM economy_channels ec
JOIN max_channel_comment mcc ON ec.channel_name = mcc.channel_name
ORDER BY channel_commentcount DESC
LIMIT 1;
```



# Youtube SQL Queries

```

1  -- Which are the videos with highest Likes to Views Ratio?
2  SELECT
3      ev.channel_name,
4      ev.video_title,
5      CASE
6          WHEN ev.viewcount <> 0 THEN ROUND((CAST(ev.likecount AS NUMERIC)/ev.viewcount * 100),2)
7          ELSE NULL
8      END AS like_view_ratio
9  FROM economy_videos ev
10 ORDER BY like_view_ratio DESC
11 LIMIT 10;

```

Data Output Messages Notifications

	channel_name character varying (255)	video_title text	like_view_ratio numeric
1	Juan Ramón Rallo	Análisis fundamental versus análisis técnico: ¿cómo invertir?	[null]
2	Juan Ramón Rallo	José Luis Escrivá: 'En el PSOE somos más torpes robando'	40.02
3	Los Locos de Wall Street	🔪 Desmontando a Eduardo Garzón 🇪🇸	15.12
4	Juan Ramón Rallo	Dos importantes novedades personales y profesionales	12.99
5	Los Locos de Wall Street	🔪 Bajada de IMPUESTOS. ¿Es malo para la INFLACIÓN? 🇪🇸	12.84
6	Los Locos de Wall Street	🇪🇸 ¿Sube la Inflación? MALOS DATOS 🇪🇸	12.70
7	Juan Ramón Rallo	La política divide y enfrenta a la sociedad	12.57
8	Juan Ramón Rallo	¿Por qué no he subido vídeos durante las últimas semanas?	11.84
9	Los Locos de Wall Street	🇪🇸 La resurrección de FACEBOOK? 🇪🇸 Análisis Resultados Q1 2022 ...	11.58
10	Los Locos de Wall Street	🇪🇸 NETFLIX ha bajado un 25% ¿Por qué? 🇪🇸	11.39

```

111 -- What is the Summary of the Views for each Channel?
112 SELECT
113     ec.channel_name,
114     ROUND(AVG(ec.viewcount),2) AS mean_views,
115     PERCENTILE_CONT(0.5) WITHIN GROUP (ORDER BY ec.viewcount) AS median_views,
116     ROUND(STDDEV(ec.viewcount),2) AS standard_deviation,
117     MIN(ec.viewcount) AS least_viewed_video,
118     MAX(ec.viewcount) AS most_viewed_video
119 FROM economy_videos ec
120 GROUP BY ec.channel_name;
121

```

Data Output Messages Notifications

	channel_name character varying (255)	mean_views numeric	median_views double precision	standard_deviation numeric	least_viewed_video integer	most_viewed_video integer
1	Economics Explained	838292.16	564631.5	1170700.23	17384	13292173
2	How Money Works	647151.67	337284.5	869441.22	13470	5484390
3	Juan Ramón Rallo	90559.21	64905	97407.94	0	1127501
4	Los Locos de Wall Street	2684.19	1803	3295.69	86	53330
5	New Money	214394.83	93049	399529.38	4244	4153171