Document highlight:

- Setup Tableau Public
- Dataset build that can be used as Tableau tables:
    - Run flavors of MySQL queries
    - Extract the results
    - Create excel files for each dataset
- Tables:
    - Total followers and total posts of the Top 100 social media profile or people
    - Social media account of known profile or people
    - Number of social media account of known profile or people
    - Social media account of known profile or people and their number of followers (or subscribers)
    - Social media account of known profile or people and their number of posts (or videos)
    - To Top 40 social media account by number of followers (or subscribers) of known profile or people
    - Top 40 social media account by number of posts (or videos) of known profile or people
    - Total number of followers (or subscribers) by social media
    - Total number of posts (or videos) by social media

1. Dataset build that can be used as Tableau tables

- Run flavors of MySQL queries
- Extract the results
- Create excel files for each dataset

Table 1:

Total followers and total posts of the Top 100 social media profile or people

```sql
-- ****DATASET FOR VISUALIZATION****

-- Total followers and total posts of the Top 100 social media profile or people
SELECT
    SUM(tbl1.Followers) AS 'Total Followers',
    SUM(tbl2.Posts) AS 'Total Posts'
FROM
    social_media.followers tbl1
    JOIN
        social_media.posts tbl2
    ON
        tbl1.FlwID = tbl2.PstID
    AND
        tbl1.PlatformID = tbl2.PlatformID
ORDER BY
    1,2
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total Followers	Total Posts
24929107728	7414873

Excel:

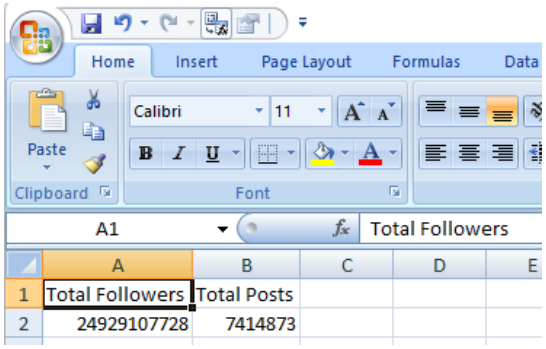

Table 2:

Social media account of known profile or people

Queries in MySQL | profile | platform | followers | posts

Don't Limit

```sql
-- Social media account of known profile or people
SELECT
    tbl1.Profile,
    tbl2.Platform
FROM
    social_media.profile tbl1,
    social_media.platform tbl2
WHERE
    tbl1.PlatformID = tbl2.PltID
ORDER BY
tbl1.Profile
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Profile	Platform
ABS-CBN Entertainment	Youtube
Addison Rae	Tiktok
Adele	Twitter
AdinRoss	Twitch
adrilatinatv	Tiktok
Akshay Kumar	Instagram
Akshay Kumar	Twitter
Alan Walker	Youtube
alanzoka	Twitch
Alexby11	Twitch

Excel:

	A	B	C
8	ABSCBN Entertainment	Youtube	
9	Addison Rae	Tiktok	
10	Adele	Twitter	
11	AdinRoss	Twitch	
12	adrilatinatv	Tiktok	
13	Akshay Kumar	Instagram	
14	Akshay Kumar	Twitter	
15	Alan Walker	Youtube	
16	alanzoka	Twitch	
17	Alexby11	Twitch	

Table 3:

Number of social media account of known profile or people

Queries in MySQL | profile | platform | followers | posts

Don't Limit

```sql
-- Number of social media account of known profile or people
SELECT
    tbl1.Profile,
    COUNT(tbl2.Platform) AS SM_Count
FROM
    social_media.profile tbl1,
    social_media.platform tbl2
WHERE
    tbl1.PlatformID = tbl2.PltID
GROUP BY
    tbl1.Profile
ORDER BY
    SM_Count DESC
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Profile	SM_Count
Selena Gomez	3
Justin Bieber	3
Kevin Hart	3
Instagram	2
Cristiano Ronaldo	2
Kim Kardashian	2
Kendall	2

Excel:

	A	B	C
3	Selena Gomez	3	
4	Justin Bieber	3	
5	Kevin Hart	3	
6	Instagram	2	
7	Cristiano Ronaldo	2	
8	Kim Kardashian	2	
9	Kendall	2	

Table 4:

Social media account of known profile or people and their number of followers (or subscribers)

```sql
-- Social media account of known profile or people and their number of followers (or subscribers)
SELECT
    tbl1.Profile,
    tbl2.Platform,
    tbl3.Followers
FROM
    social_media.profile tbl1
    JOIN
        social_media.platform tbl2
    JOIN
        social_media.followers tbl3
    ON
        tbl1.PrfId = tbl3.FlwID
    AND
        tbl1.PlatformID = tbl3.PlatformID
    AND
        tbl1.PlatformID = tbl2.PltID
ORDER BY
    tbl1.Profile
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Profile	Platform	Followers
Zendaya	Twitter	21154455
Zee TV	Youtube	63000000
Zee Music Company	Youtube	86600000
zayn	Twitter	31040206
ZARA Official	Instagram	52498150
Zach King	Tiktok	68600000
Zac Efron	Instagram	54434089
YZ	Tiktok	46600000
YRF	Youtube	47500000
YouTube	Twitter	75884044
YouTube	Youtube	33300000
YOLO HOUSE	Tiktok	25500000

Excel:

	A	B	C
5	Zendaya	Twitter	21154455
6	Zee TV	Youtube	63000000
7	Zee Music Company	Youtube	86600000
8	zayn	Twitter	31040206
9	ZARA Official	Instagram	52498150
10	Zach King	Tiktok	68600000
11	Zac Efron	Instagram	54434089
12	YZ	Tiktok	46600000
13	YRF	Youtube	47500000
14	YouTube	Twitter	75884044
15	YouTube	Youtube	33300000
16	YOLO HOUSE	Tiktok	25500000

Table 5:

Social media account of known profile or people and their number of posts (or videos)

```sql
-- Social media account of known profile or people and their number of posts (or videos)
SELECT
    tbl1.Profile,
    tbl2.Platform,
    tbl4.Posts
FROM
    social_media.profile tbl1
    JOIN
        social_media.platform tbl2
    JOIN
        social_media.posts tbl4
    ON
        tbl1.PrfId = tbl4.PstID
    AND
        tbl1.PlatformID = tbl4.PlatformID
    AND
        tbl1.PlatformID = tbl2.PltID
ORDER BY
    tbl1.Profile
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Profile	Platform	Posts
5 Minute Crafts	Youtube	5575
9GAG Go Fun The World	Instagram	30005
A4	Youtube	644
Aaj Tak	Youtube	195974
ABP NEWS	Youtube	224084
ABS CBN Entertainment	Youtube	179359

Excel:

Profile	Platform	Posts
5 Minute Crafts	Youtube	5575
9GAG Go Fun The World	Instagram	30005
A4	Youtube	644
Aaj Tak	Youtube	195974
ABP NEWS	Youtube	224084
ABS CBN Entertainment	Youtube	179359

Table 6:

To Top 40 social media account by number of followers (or subscribers) of known profile or people

```sql
-- Top 40 social media account by number of followers (or subscribers) of known profile or people
SELECT
    tbl3.Followers,
    tbl2.Platform,
    tbl1.Profile
FROM
    social_media.profile tbl1
    JOIN
        social_media.platform tbl2
    JOIN
        social_media.followers tbl3
    ON
        tbl1.PrfId = tbl3.FlwID
    AND
        tbl1.PlatformID = tbl3.PlatformID
    AND
        tbl1.PlatformID = tbl2.PltID
ORDER BY
    tbl3.Followers DESC LIMIT 40
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Followers	Platform	Profile
539446645	Instagram	Instagram
473864939	Instagram	Cristiano Ronaldo
364542529	Instagram	Kylie
355790796	Instagram	Leo Messi
341579063	Instagram	Selena Gomez
333221596	Instagram	Dwayne Johnson
328323322	Instagram	Kim Kardashian
326473270	Instagram	Ariana Grande

Excel:

	A	B	C
1	Followers	Platform	Profile
2	539446645	Instagram	Instagram
3	473864939	Instagram	Cristiano Ronaldo
4	364542529	Instagram	Kylie
5	355790796	Instagram	Leo Messi
6	341579063	Instagram	Selena Gomez
7	333221596	Instagram	Dwayne Johnson
8	328323322	Instagram	Kim Kardashian
9	326473270	Instagram	Ariana Grande

Table 7:

Top 40 social media account by number of posts (or videos) of known profile or people

```sql
-- Top 40 social media account by number of posts (or videos) of known profile or people
SELECT
    tbl4.Posts,
    tbl2.Platform,
    tbl1.Profile
FROM
    social_media.profile tbl1
    JOIN
        social_media.platform tbl2
    JOIN
        social_media.posts tbl4
    ON
        tbl1.PrfId = tbl4.PstID
    AND
        tbl1.PlatformID = tbl4.PlatformID
    AND
        tbl1.PlatformID = tbl2.PltID
ORDER BY
    tbl4.Posts DESC LIMIT 40
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Posts	Platform	Profile
892566	Twitter	Reuters
486592	Twitter	Fox News
480222	Twitter	The New York Times
349709	Twitter	BBC News (World)
314249	Twitter	The Economist
237651	Youtube	IndiaTV
224084	Youtube	ABP NEWS
195974	Youtube	Aaj Tak
185002	Youtube	TEDx Talks
179359	Youtube	ABS CBN Entertainment

Excel:

	A	B	C	D
1	Posts	Platform	Profile	
2	892566	Twitter	Reuters	
3	486592	Twitter	Fox News	
4	480222	Twitter	The New York Times	
5	349709	Twitter	BBC News (World)	
6	314249	Twitter	The Economist	
7	237651	Youtube	IndiaTV	
8	224084	Youtube	ABP NEWS	
9	195974	Youtube	Aaj Tak	
10	185002	Youtube	TEDx Talks	
11	179359	Youtube	ABS CBN Entertainment	

Table 8:

Total number of followers (or subscribers) by social media

```sql
-- Total number of followers (or subscribers) by social media
SELECT
    SUM(tbl3.Followers) AS Total_Followers,
    tbl2.Platform
FROM
    social_media.platform tbl2
    JOIN
        social_media.followers tbl3
    ON
        tbl2.PltID = tbl3.PlatformID
GROUP BY
    tbl2.Platform
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_Followers	Platform
11879936532	Instagram
4317371196	Twitter
5009600000	Youtube
347017972	Twitch
3722200000	Tiktok

Excel:

A	B
Total_Followers	Platform
11879936532	Instagram
4317371196	Twitter
5009600000	Youtube
347017972	Twitch
3722200000	Tiktok

Table 9:

Total number of posts (or videos) by social media

```
-- Total number of posts (or videos) by social media
SELECT
    SUM(tbl4.Posts) AS Total_Posts,
    tbl2.Platform
FROM
    social_media.platform tbl2
    JOIN
        social_media.posts tbl4
    ON
        tbl2.PltID = tbl4.PlatformID
GROUP BY
    tbl2.Platform
;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Total_Posts	Platform
551078	Instagram
5015811	Twitter
1669854	Youtube
178130	Tiktok

Excel:

	A	B
1	Total_Posts	Platform
2	551078	Instagram
3	5015811	Twitter
4	1669854	Youtube
5	178130	Tiktok
6		

**********END**********