

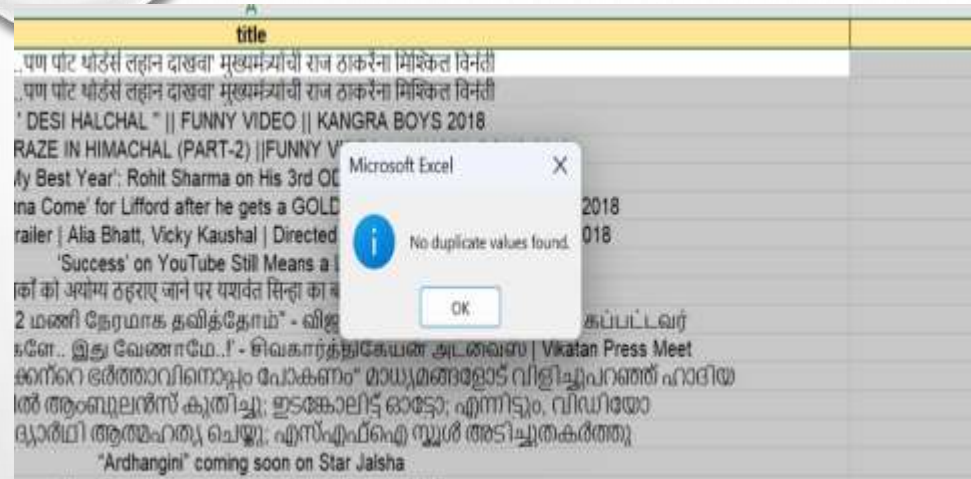
The background of the slide is a light gray gradient, decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and scattered. They are rendered with soft shadows and highlights, giving them a three-dimensional appearance.

Excel Final Assessment

DENISHA PRIYA G

4274

Question 1



M	N	O	P
state	comment		NUM OF BLANK
Mumbai	"NA"		0
Chennai	"NA"		
Lucknow	"NA"		
Bangalore	"NA"		
Ahmedabad	"NA"		
Kolkata	"Engaging and informative presentation!"		
Indore	"NA"		
Jaipur	"NA"		
Hyderabad	"NA"		
Visakhapatnam	"NA"		
Kochi	"NA"		
Gurgaon	"NA"		
Ludhiana	"NA"		
Patna	"NA"		
Bhubaneswar	"NA"		
Guwahati	"NA"		
Raipur	"NA"		
Ranchi	"NA"		
Dehradun	"NA"		
Shimla	"NA"		
Panaji	"NA"		
Agartala	"NA"		

STEPS:

- SELECT ALL THE DATA. SELECT DATA TOOL IN RIBBON , GO TO REMOVE DUPLICATE.
- CHOOSE EVERY COLUMN
- FOR REPLACING THE MISSING DATA , FIND THE NUMBER OF BLANK CELL USING COUNTBLANK().
- USING FIND AND REPLACE , REPLACE THE MISSING CELL VALUE

FORMULA:

=COUNTBLANK(N1:N16308)

Question 2

title	publish_d	trending_d	DIFF	
...पण पोट थोडंसं लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना मिश्रित विनंती	3-5-2018	2018-03-06	1	
...पण पोट थोडंसं लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना मिश्रित विनंती	12-5-2017	2017-12-09	4	
'DESI HALCHAL " FUNNY VIDEO KANGRA BOYS 2018	5-11-2018	2018-05-13	2	
'बाबे दा' CRAZE IN HIMACHAL (PART-2) FUNNY VIDEO KANGRA BOYS 2018	5-26-2018	2018-05-29	3	AVERAGE
'2017 Is My Best Year': Rohit Sharma on His 3rd ODI Double Century The Quint	12-13-2017	2017-12-16	3	2.298154167
'A Change Is Gonna Come' for Lifford after he gets a GOLDEN BUZZER! Auditions BGT 2018	5-12-2018	2018-05-13	1	
'Raazi' Official Trailer Alia Bhatt, Vicky Kaushal Directed by Meghna Gulzar 11th May 2018	4-10-2018	2018-04-16	6	
'Success' on YouTube Still Means a Life of Poverty	3-1-2018	2018-03-02	1	
'आप विधायकों को अयोग्य ठहराए जाने पर यशवंत सिन्हा का बड़ा बयान! INDIA NEWS VIRAL	1-22-2018	2018-01-24	2	
மாட்டுத் தீயில் சிக்கி 2 மணி நேரமாக தவித்தோம்" - விஜயலட்சுமி, தீயில் சிக்கி மீட்கப்பட்டவர்	3-12-2018	2018-03-15	3	
சாசியல் மீடியா மக்களே.. இது வேணாமே..! - சிவகார்த்திகேயன் அட்னைஸ் Vikatan Press Meet	3-29-2018	2018-03-30	1	
മുസ്ലിമാണ്.. എന്നിങ്ങനെ ഭർത്താവിനൊപ്പം പോകണം" മാധ്യമങ്ങളോട് വിളിച്ചുപറഞ്ഞത് ഹാദിയ	11-25-2017	2017-11-26	1	
'ടാഫിക്' സെല്ലിൽ ആംബുലൻസ് കുതിച്ചു; ഇടക്കോലിട്ട് ഓടോ; എന്നിട്ടും, വിഡിയോ	4-12-2018	2018-04-15	3	
'തോൽപ്പിച്ച' വിദ്യാർത്ഥി ആത്മഹത്യാ ചെയ്തു; എസ്എഫ്ഐ സ്കൂൾ അടിച്ചുകുത്തുന്നു	4-1-2018	2018-04-02	1	
"Ardhangini" coming soon on Star Jalsha	12-11-2017	2017-12-12	1	
"Meri Dastaan sunana" Zakir Khan at Spoken 2017	2-14-2018	2018-02-19	5	
"ਚਰ" ਫਿੱਸੀ ਜਾ ਮਿੱਠੀ Punjabi Funny Video Mr Sammy Naz Pardeep Sharma Gupta G GEET	2-18-2018	2018-02-19	1	
"ਜੁੱਤਾ ਚੋਟ ਦੀ ਸਵਾਦੀ" Punjabi Funny Video Latest Sammy Naz Pardeep Sharma	2-13-2018	2018-02-14	1	
"விஸ்வரூபம் எடுக்கிறதா விஷால் விவகாரம்..!" 06.12.17 Kelvi Neram	12-6-2017	2017-12-09	3	
(02/12/2017) Kelvikkenna Bathil Exclusive Interview with Amrutha Thanthi TV	12-2-2017	2017-12-07	5	
(06/01/2018) Kelvikkenna Bathil Exclusive Interview with Director Ameer Thanthi TV	1-6-2018	2018-01-09	3	
(09/12/2017) Kelvikkenna Bathil Exclusive Interview with Actor Vishal Thanthi TV	12-9-2017	2017-12-13	4	

INSIGHTS:

FOR AN AVERAGE A VIDEO TAKES **2** DAYS FROM THE PUBLISH DATE TO BECOME TREND.

STEPS:

- COPY THE TITLE, PUBLISH DATE, TRENDING DATE IN A SHEET.
- FIND THE DIFFERENCE OF THE TWO DATE
- FIND THE AVERAGE OF ALL THE DATE DIFFERENCE

FORMULA:

=(C2-B2) FOR THE DIFFERENCE
=AVERAGE(D2:D16308) FOR THE AVERAGE

Question 3

1	CATEGORY_NAME	AVG_VIEW	LIKES	COMM	ENGAGEMENT		CATEGORY_NAME	AVG_VIEW	ENGAGEMENT
2	News & Politics	297358.62	5762909	1056430	6819339		Movies	3862190	84643
3	Comedy	717054.7935	38804398	3117473	41921871		Gaming	3436401.95	2167038
4	Sports	1379353.406	9389714	786327	10176041		Pets & Animals	2490776	207691
5	Entertainment	574766.2767	83836195	8969633	92805828		Music	2017880.624	57550717
6	Film & Animation	1800523.971	14308758	1196090	15504848		Film & Animation	1800523.971	15504848
7	People & Blogs	450423.3628	8841134	1032463	9873597		Sports	1379353.406	10176041
8	Music	2017880.624	54100112	3450605	57550717		Howto & Style	826816.9331	4734619
9	Education	92618.26474	3529171	455965	3985136		Comedy	717054.7935	41921871
10	Science & Technology	664622.3467	9566636	3381982	12948618		Science & Technology	664622.3467	12948618
11	Howto & Style	826816.9331	4322796	411823	4734619		Shows	649225.5372	491453
12	Autos & Vehicles	333265.3824	189163	26945	216108		Entertainment	574766.2767	92805828
13	Religious	56945.04348	127654	7014	134668		People & Blogs	450423.3628	9873597
14	Gaming	3436401.95	1988458	178580	2167038		Autos & Vehicles	333265.3824	216108
15	Shows	649225.5372	427347	64106	491453		News & Politics	297358.62	6819339
16	Travel & Events	192907.75	13048	2236	15284		Travel & Events	192907.75	15284
17	Movies	3862190	80026	4617	84643		Education	92618.26474	3985136
18	Pets & Animals	2490776	186307	21384	207691		Religious	56945.04348	134668
19	0		0	0	0		0		0
20	0		0	0	0		0		0
21									
22									
23									

INSIGHTS:

FROM THE TABLE WE KNOW THAT MOVIES PERFORMS BEST IN VIEWS AND ENGAGEMENT.

STEPS:

- GET UNIQUE DATA OF CATEGORY AND FIND THE AVERAGE VIEW OF EACH CATEGORY
- GET SUM OF LIKES AND COMMENT.
- SUM THE LIKES AND COMMENT

FORMULA:

=UNIQUE('YouTube data'!E:E)
 =AVERAGEIF('YouTube data'!E:E,QUES3!A2,'YouTube data'!H:H)
 =SUMIF('YouTube data'!E:E,QUES3!A2,'YouTube data'!!I:I)
 =SUMIF('YouTube data'!E:E,QUES3!A2,'YouTube data'!K:K)
 =D2+C2

Question 4

D E F G H I J K L M N O

CHANNEL NAME	People TV
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CATEGORY ID	25
CATEGORY NAME	News & Politics
VIDEOS	

മകന്റെ കുത്തുവാക്കുകളാണ് ഭാര്യയെ കൊണ്ട് കൂരത ചെയ്തിപ്പിച്ചതെന്ന്

INSIGHTS:

FOR THE QUICK ANALYSIS WE USED DATA VALIDATION FOR CHANNEL NAME WHICH RETURNS CATEGORYID, NAME AND ALL THE VIDEOS

STEPS:

- CREATE A DATA VALIDATION WITH CHANNEL NAME
- USING XLOOKUP GET THE CATEGORY ID AND CATEGORY NAME
- USING FILTER GET ALL THE VIDEOS

FORMULA:

```
=XLOOKUP(H2,'YouTube data'!D:D,'YouTube data'!F:F)  
=XLOOKUP(H8,Category!A:A,Category!B:B)  
=FILTER('YouTube data'!C:C,'YouTube data'!D:D=QUES4!H2)
```

Question 5

D5	=TEXTJOIN(" ",TRUE,UNIQUE(FILTER('YouTube data'!Q:Q,'YouTube data'!R:R=QUES5!C5,"NA")))
C	D
TITLES	COMMENT
Punjabi Live Tv...पण पोट थोडंस लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना मिशिकल विनंती	
ZEE 24 TAAS...पण पोट थोडंस लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना मिशिकल विनंती	
Kangra Boys' DESI HALCHAL " FUNNY VIDEO KANGRA BOYS 2018	
Kangra Boys' बबं दा " CRAZE IN HIMACHAL (PART-2) FUNNY VIDEO KANGRA BOYS 2018	
Quint'2017 Is My Best Year': Rohit Sharma on His 3rd ODI Double Century The Quint	
'A Change Is Gonna Come' for Lifford after he gets a GOLDEN BUZZER! Auditions BGT 2018	"Engaging and informative presentation!"
'Raazi' Official Trailer Alia Bhatt, Vicky Kaushal Directed by Meghna Gulzar 11th May 2018	
Casey Neistat's 'Success' on YouTube Still Means a Life of Poverty	
ews Viral'आप विधायकों को अयोग्य ठहराए जाने पर यशवंत सिन्हा का बड़ा बयान ! INDIA NEWS VIRAL	
ட்டுத் தீயில் சிக்கி 2 மணி நேரமாக தவித்தோம்" - விஜயலட்சுமி, தீயில் சிக்கி மீட்கப்பட்டவர்	
யல் மீடியா மக்களே.. இது வேணாமே..!' - சிவகார்த்திகேயன் அட்னைஸ் Vikatan Press Meet	
பிமாள்.. ஹனிகௌன்ஸ் ஓர் தாவினொழும் போகണം" மாயுமணோஜ் விஜிபுரண் ஹாஸிய	
டாமிக்' ஸ்ரெலிஸ் அன்ஸுலர்ஸ் குறிப்பு: ஓட்கோலித் ஓடோ; ஹனிதும், விவியோ	
டோண்டித்' விஜய்மீ அருமவந்து செய்து; ஹிப்ஹிப்ஹி ஸ்டுல் அடிகுதகர்ந்து	
starjalshaindia"Ardhangini" coming soon on Star Jalsha	
Zakir Khan"Meri Dastaan sunana" Zakir Khan at Spoken 2017	
az'சா' டீவி சா'மீர் Punjabi Funny Video Mr Sammy Naz Pardeep Sharma Gupta G GEET	
my Naz'மீர் டீவி சா'மீர் Punjabi Funny Video Latest Sammy Naz Pardeep Sharma	
7 Tamil'விஸ்வரூபம் எடுக்கிறதா விஷால் விவகாரம்..!' 06.12.17 Kelvi Neram	
anthi TV(02/12/2017) Kelvikkenna Bathil Exclusive Interview with Amrutha Thanthi TV	
hi TV(06/01/2018) Kelvikkenna Bathil Exclusive Interview with Director Ameer Thanthi TV	
thi TV(09/12/2017) Kelvikkenna Bathil Exclusive Interview with Actor Vishal Thanthi TV	

STEPS:

- GET A COLUMN WHICH CONTACT TITLE AND CHANNEL TITLE NAME
- CREATE COMMENT COLUMN TO GET COMMENT USING FILTER AND JOIN IT USING TECTJOIN

FORMULA:

=CONCAT(C2,B2)

=TEXTJOIN(" ",TRUE,UNIQUE(FILTER('YouTube data'!Q:Q,'YouTube data'!R:R=QUES5!C5,"NA")))

Question 6

A	B	C	D
comments_disabled	title	Average of comment_count	
FALSE	'DESI HALCHAL' FUNNY VIDEO KANGRA BOYS 2018	1245	
	'बाबू दा' CRAZE IN HIMACHAL (PART-2) FUNNY VIDEO KANGRA BOYS 2018	926	
	#04 Live Giveaway Results of Jan-Feb 2018	1053	
	#188-आज का राशिफल Daily Rashifal 18 मार्च 2018 Aaj Ka Rashifal 18 March 2018, S	99	
	#195-आज का राशिफल Daily Rashifal 25 मार्च 2018 Aaj Ka Rashifal 25 March 2018 S	55	
	#2 How to get rid of Overthinking? By Sandeep Maheshwari Hindi	2701	
	#3 How to get rid of Overthinking? By Sandeep Maheshwari Hindi	2241	
	#504 iPhone X, Moto X4, Fk Surprise, Oneplus 5T unboxing, Note 4 gift, No ATM, Dig	1357	
	#505 Airtel 5G, WhatsApp Switch, Oneplus 5T, You Missed, Mi Store, Facebook Cre	4639	
	#506 iPhone Dual Sim, Vivo V7, Aadhar OTP to SIM, Padmavati, Note 5, ROG Strix,	2757	
	#507 Indigo Rocks, iPhoneX Fire, iPhoneSe, FB Save Life, Amazon Sim, Vivoactive3,	1924	
	#508 199 for 28GB, Mix3, Note 5 Leak, Facebook Watch, Net Neutrality, Aadhar OTF	1607	
	#51 Sunday Tech Masala - Sawaal Jawaab #BoloGuruj	2693	
	#510 Incredible India, Airtel ka Kamaal, Xiaomi R1, Oppo R13, Meizu M, Oneplus 5T	1556	
	#513 Padmavati, Galaxy S9, Desh Ka Smartphone, Redmi 5+, Gear Sport, Fit2 Pro, i	807	
	#527 10.Or D, Videsh ka Smartphone, Okinawa Praise, Delhi Metro, Largest QLED, I	1845	
	#550 Redmi5, Mi Mix2, Mi Box 2, S9 Pic, Oppo 5G, Moto G6 Play, Nokia 7	1113	
	#554 Redmi Note 5, Billion Powerbank, Nokia 1, Xperia XZ pro, Jio 200% Cashback,	1661	
	#555 Infinix S Series, Alcatel A3, Huawei P20, Zenfone 5 Leak, Dual Printer, Alexa Pr	889	
	#560 Redmi Note 5, Mi7, Whatsapp Calling, Huawei P20 Lite, Moto Z2 Force	816	
	#566 #ReimagineIndia, Hyperloop In, Nokia 4, Zenfone 5, Galaxy S9, Bitcoin Juice, L	2467	
	#579 Oppo F7, Vivo V9, Mi Mix 2s, No LGG7, Galaxy J4, Lithium Air, DeleteFaceboo	1244	

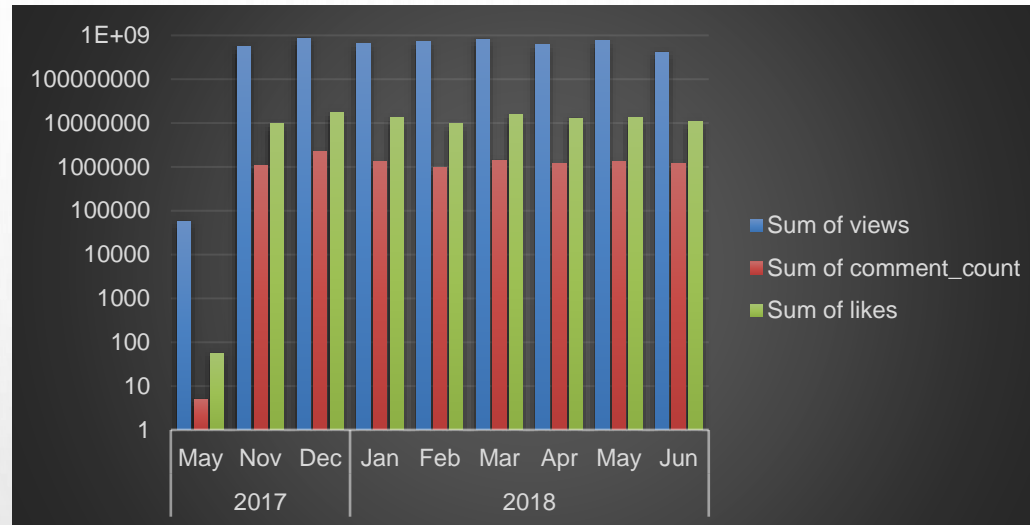
INSIGHTS:

- COMPARING VIDEOS IN COMMENT ENABLE AND DISABLE WE FIND THAT COMMENT CAN BE COUNT DURING ENABLE .

STEPS:

- USING PIVOT TABLE USE VIDEOS AND COMMENT DISABLE IN ROW AND AVERAGE OF COMMENT IN VALUE FIELD
- GROUP ACCORDING TO COMMENT DISABLE TO GET THE ANALYSIS

Question 7

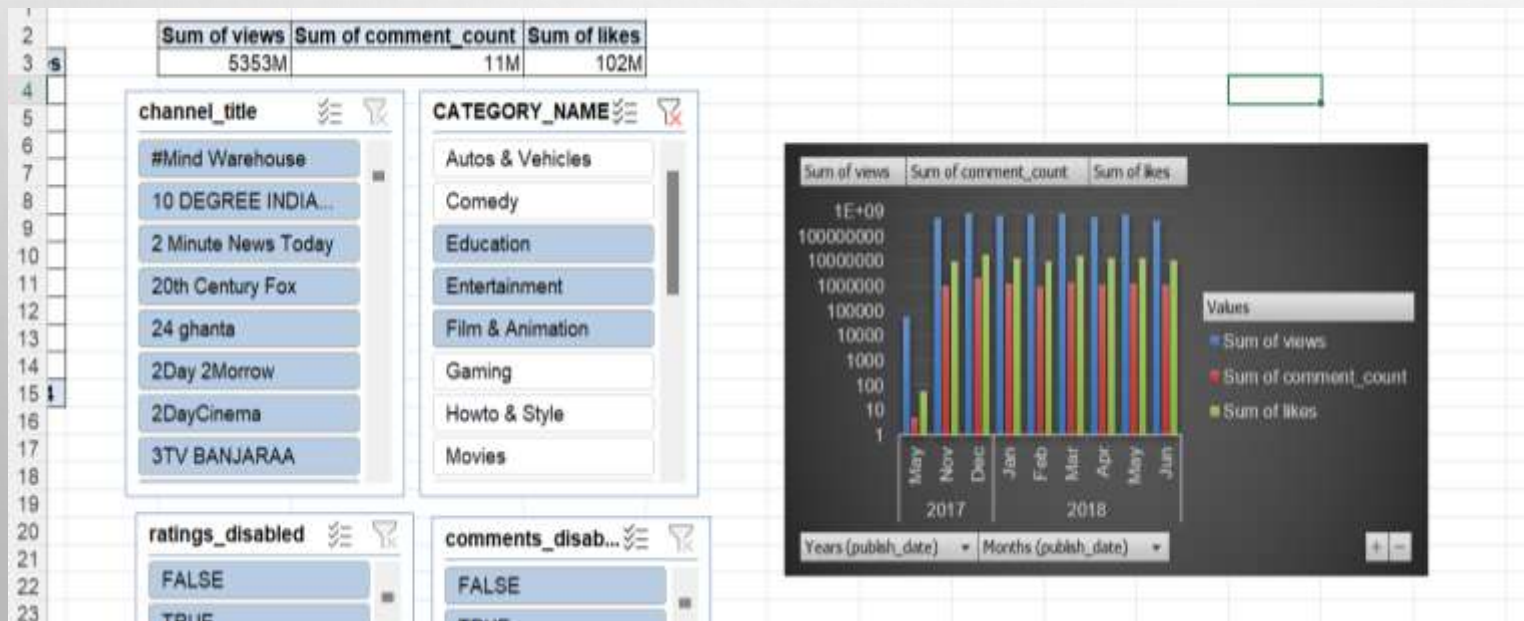


INSIGHTS:

- WE CAN INSIGHT FROM THE CHART THAT VIEWS ARE MORE THAN LIKE AND COMMENT. COMMENTS ARE LESS IN EVERY MONTH.
- COMPARING 2017, 2018 HAD A GREAT INCREASING IN ENGAGEMENT.

STEPS:

- CREATE A PIVOT TABLE FOR YEAR AND MONTH OF PUBLISH DATE IN ROW
- ADD SUM OF VIEWS, LIKES AND COMMENT COUNT IN VALUES TO ANALYSIS THE ENGAGEMENT IN EVERY MONTH
- CREATE A SLICER FOR CHANNEL, CATEGORY AND COMMENT DISABLE AND RATING DISABLE
- KPY FOR SUM OF VIEWS, COMMENT AND LIKES



Question 8

1							
2							
3	Sum of views	Sum of comment_count	Sum of likes	VIDEOS OF TOP 5	Sum of views	Sum of comment_count	Sum of likes
4	125432237	807558	2912710	YouTube Rewind: The Shape of 2017 #Y	125432237	807558	2912710
5	89930713	347982	2606663	Marvel Studios' Avengers: Infinity War Offi	89930713	347982	2606663
6	53822757	135405	1250535	VENOM - Official Trailer (HD)	53822757	135405	1250535
7	45064699	186005	1494997	Marvel Studios' Avengers: Infinity War - O	45064699	186005	1494997
8	44171797	47829	780895	Sanju Official Teaser Ranbir Kapoor R	44171797	47829	780895
9	43738208	148548	1658756				
10	42019590	146917	1804377				
11	40953758	65564	679940				
12	39082222	90352	1721384				
13	38664360	103907	865914	VIDEOS OF BOTTOM 5	Sum of views	Sum of comment_count	Sum of likes
14	36971093	78618	544117	Baapmanus - बापमनुस - Episode 118 - M	4024	0	15
15	36957773	42087	530146	स्ट लो/1 स्ट 2018 Current Affairs PDF and	4287	100	312
16	36224215	75080	744304	Madhuban Muri LIVE - 6/3/2018 (Tuesday	4359	9	191
17	35702242	4858	230576	Dilip Ghosh and Firhad Hakim's political fig	5098	10	37
18	35276532	3348	45148	Madhuban Muri LIVE - 20/2/2018 (Tuesda	5437	9	195
19	34631260	58459	645921				
20	30340611	20964	432533				
21	29988150	28618	381524				
22	29964922	47119	431134				
23	29503026	31872	320346				

INSIGHTS:

STEPS:

FORMULA:

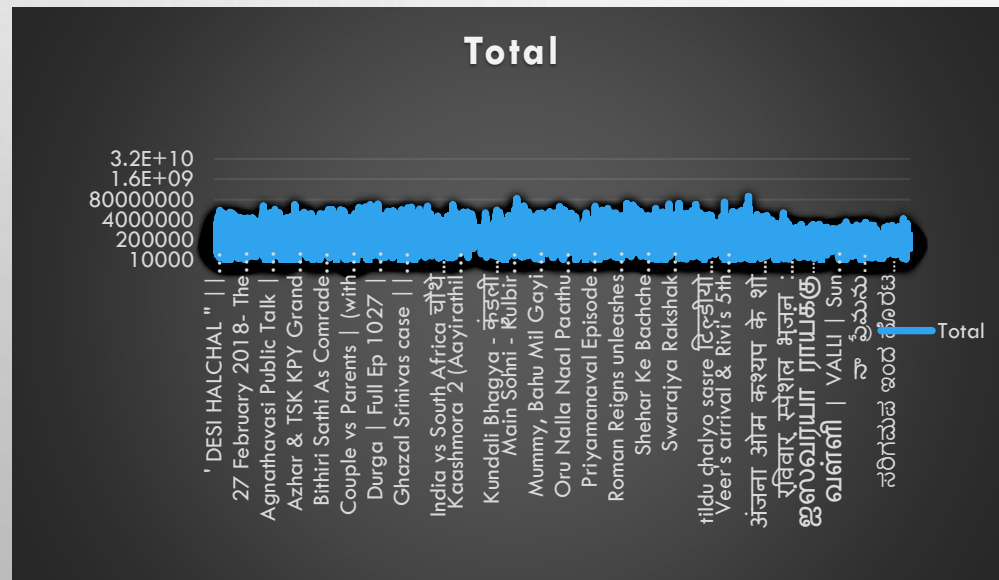
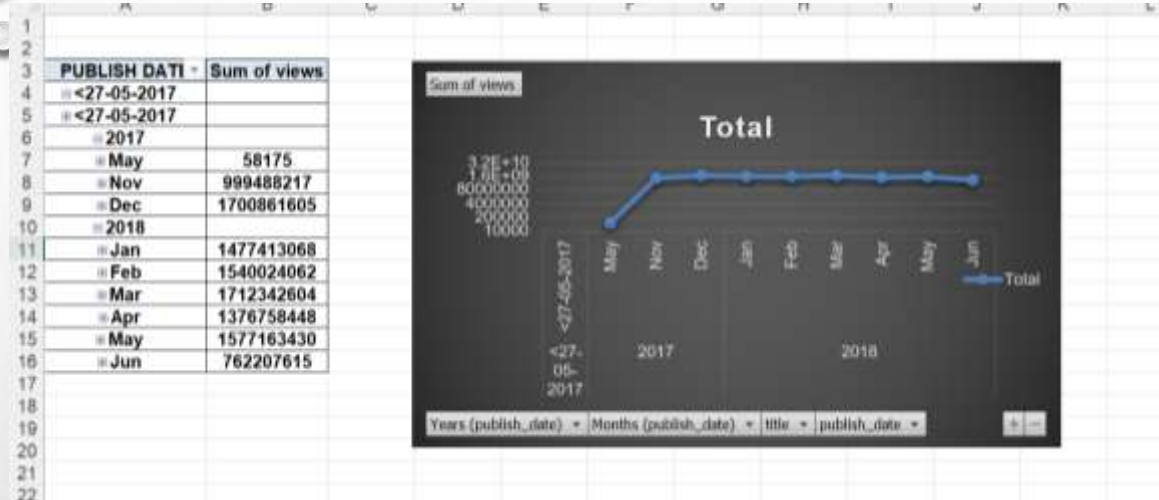
Question 9

INSIGHTS:

Till nov 2017 its increase and constant after that

STEPS:

FORMULA:

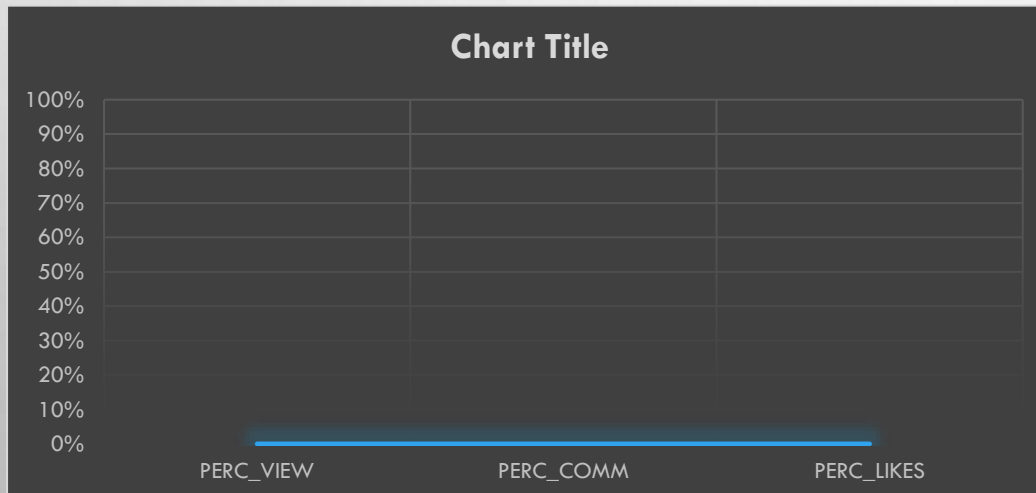
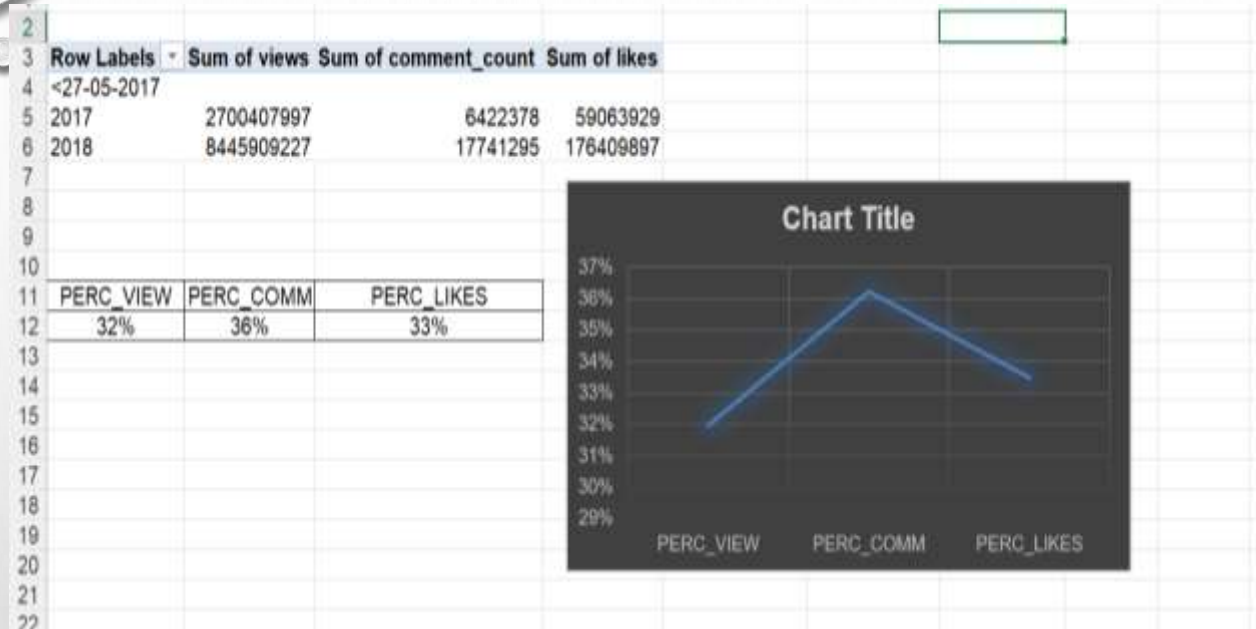


Question 10

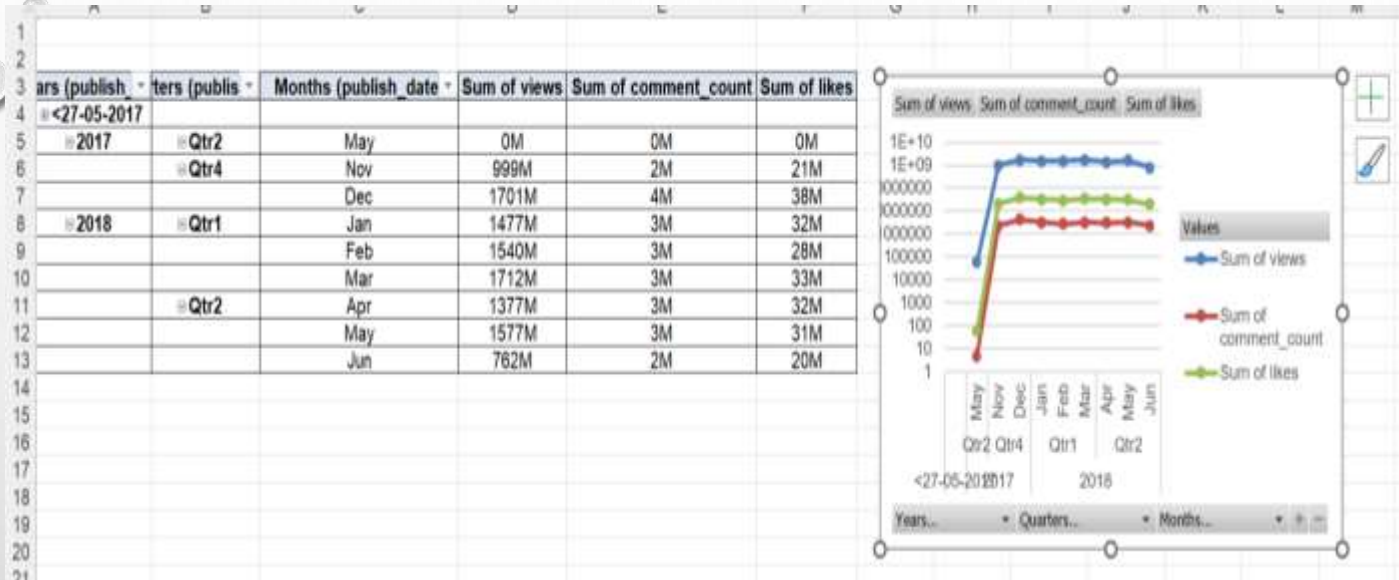
INSIGHTS:
Comment perc is high

STEPS:

FORMULA:



Question 11

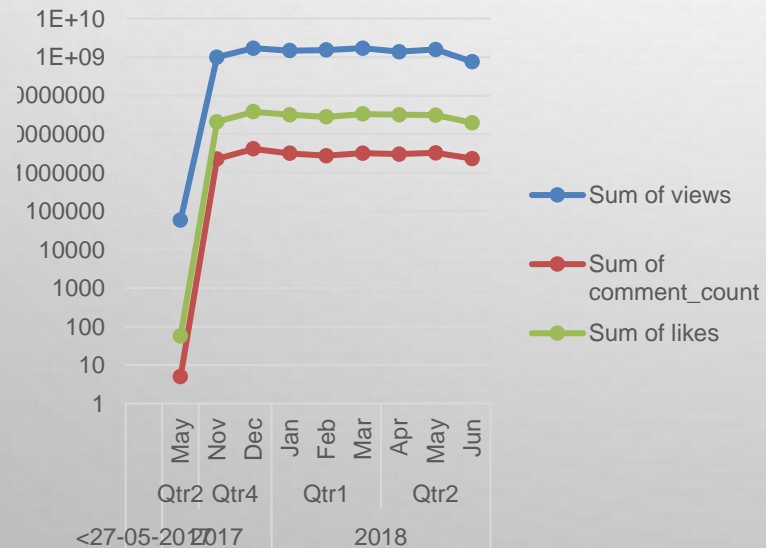


INSIGHTS:

Increase till may 2017 and stay constant

STEPS:

FORMULA:



Question 12

A	B	C	D
views	title	revenue	
144042	...पण पोट थोडंसं लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना भिषिकल विनंती	0	
152138	...पण पोट थोडंसं लहान दाखवा' मुख्यमंत्र्यांची राज ठाकरे'ना भिषिकल विनंती	8096	
148021	'DESI HALCHAL " FUNNY VIDEO KANGRA BOYS 2018	-4117	
138030	'बाबे दा " CRAZE IN HIMACHAL (PART-2) FUNNY VIDEO KANGRA BOYS 2018	-9991	
244733	'2017 Is My Best Year': Rohit Sharma on His 3rd ODI Double Century The Quint	106703	
817870	'A Change Is Gonna Come' for Lifford after he gets a GOLDEN BUZZER! Auditions BGT 2018	573137	
16281667	'Raazi' Official Trailer Alia Bhatt, Vicky Kaushal Directed by Meghna Gulzar 11th May 2018	15463797	
791832	'Success' on YouTube Still Means a Life of Poverty	-15489835	
86275	'आप' विधायकों को अयोध्या ठहराए जाने पर यशवंत सिन्हा का बड़ा बयान ! INDIA NEWS VIRAL	-705557	
321436	'காட்டுத் தீயில் சிக்கி 2 மணி நேரமாக தவித்தோம்' - விஜயலட்சுமி, தீயில் சிக்கி மீட்கப்பட்டவர்	235161	
115822	'சோசியல் மீடியா மக்களே.. இது வேணாமே..!' - சிவகார்த்திகேயன் அட்வைஸ் Vikatan Press Meet	-205614	
149887	'ഞാൻ മുസ്ലിമാണ്.. എന്നിരിക്കെ ഞെ ഒരിക്കലും വിവാഹം പോകണം' മാധ്യമങ്ങളോട് വിളിച്ചുപറഞ്ഞ് ഹാദിയ	34065	
437916	'ട്രാഫിക്' സെല്ലിൽ അറബുലൻസ് കുതിച്ചു; ഇടക്കോലിട്ട് ഓടോ; എന്നിട്ടും, വിഡിയോ	288029	
52032	'തോൽപ്പിച്ച' വിദ്യാർത്ഥി ആത്മഹത്യ ചെയ്തു; എസ്എഫ്ഐ സ്കൂൾ അടിച്ചുകുത്തുന്നു	-385884	
57887	"Ardhangini" coming soon on Star Jalsha	5855	
1725649	"Meri Dastaan sunana" Zakir Khan at Spoken 2017	1667762	
58327	'ਚਾ' ਫਿੰਵੀ ਸਾ ਮਿੱਠੀ Punjabi Funny Video Mr Sammy Naz Pardeep Sharma Gupta G GEET	-1667322	
100401	'ਮੁੰਡਾ ਹੋਣ ਦੀ ਸਵਾਦੀ' Punjabi Funny Video Latest Sammy Naz Pardeep Sharma	42074	
129999	"விஸ்வரூபம் எடுக்கிறதா விஷால் விவகாரம்...!" 06.12.17 Kelvi Neram	29598	
528813	(02/12/2017) Kelvikkenna Bathil Exclusive Interview with Amrutha Thanthi TV	398814	
191976	(06/01/2018) Kelvikkenna Bathil Exclusive Interview with Director Ameer Thanthi TV	-336837	
518663	(09/12/2017) Kelvikkenna Bathil Exclusive Interview with Actor Vishal Thanthi TV	326687	

INSIGHTS:

STEPS:

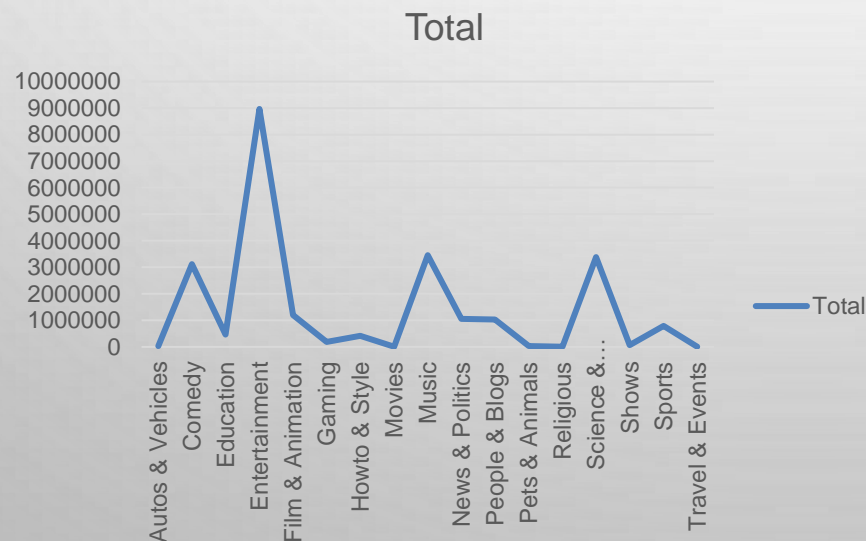
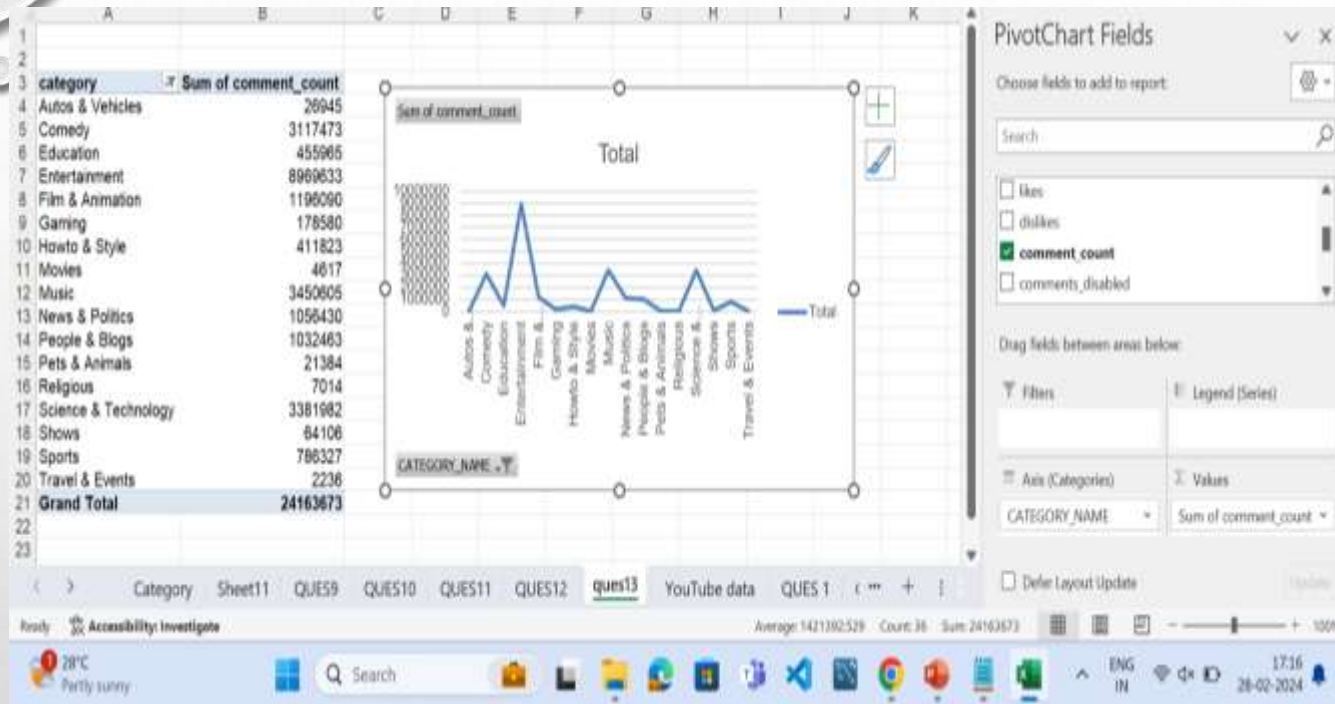
FORMULA:

Question 13

INSIGHTS:

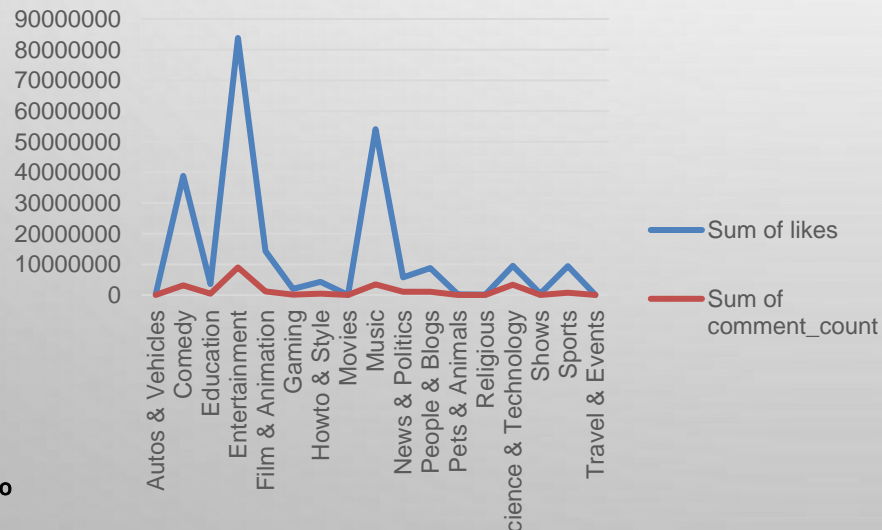
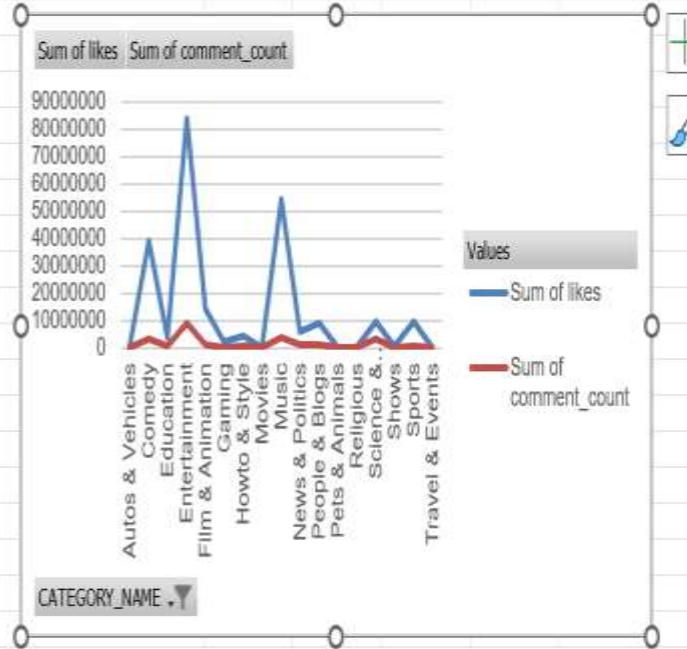
STEPS:

FORMULA:



Question 14

CATEGORY_NAME	Sum of likes	Sum of comment_count
Autos & Vehicles	189163	26945
Comedy	38804398	3117473
Education	3529171	455965
Entertainment	83836195	8969633
Film & Animation	14308758	1196090
Gaming	1988458	178580
Howto & Style	4322796	411823
Movies	80026	4617
Music	54100112	3450605
News & Politics	5762909	1056430
People & Blogs	8841134	1032463
Pets & Animals	186307	21384
Religious	127654	7014
Science & Technology	9566636	3381982
Shows	427347	64106
Sports	9389714	786327
Travel & Events	13048	2236



INSIGHTS:

STEPS:

FORMULA:

Question 15

INSIGHTS:

STEPS:

FORMULA:

Excel Final Assessment Data File 1 - Youtub... Saved to this PC

Home Insert Page Layout Formulas Data Review View Automate Help

Font Alignment Number Styles Add-ins Analyze Data Advanced

Classification: Public Internal Confidential Restricted

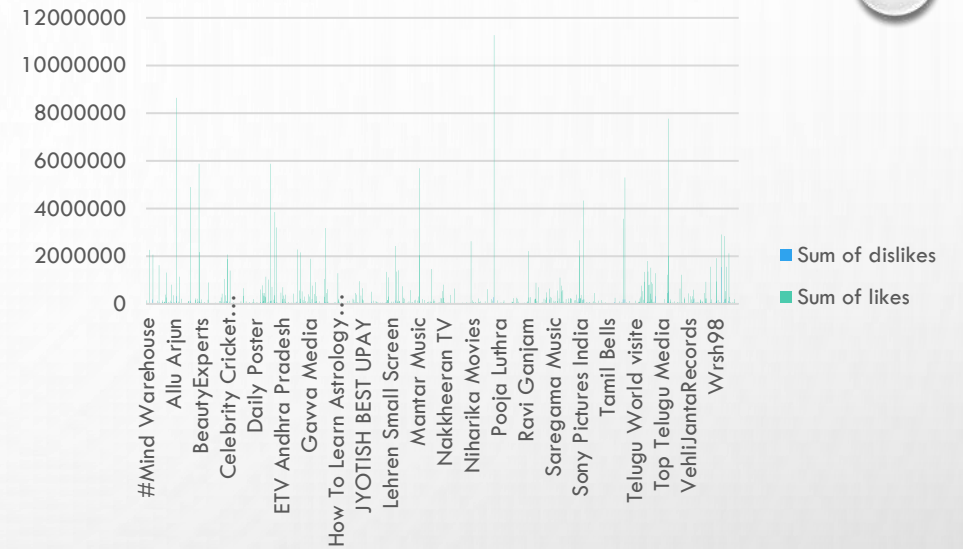
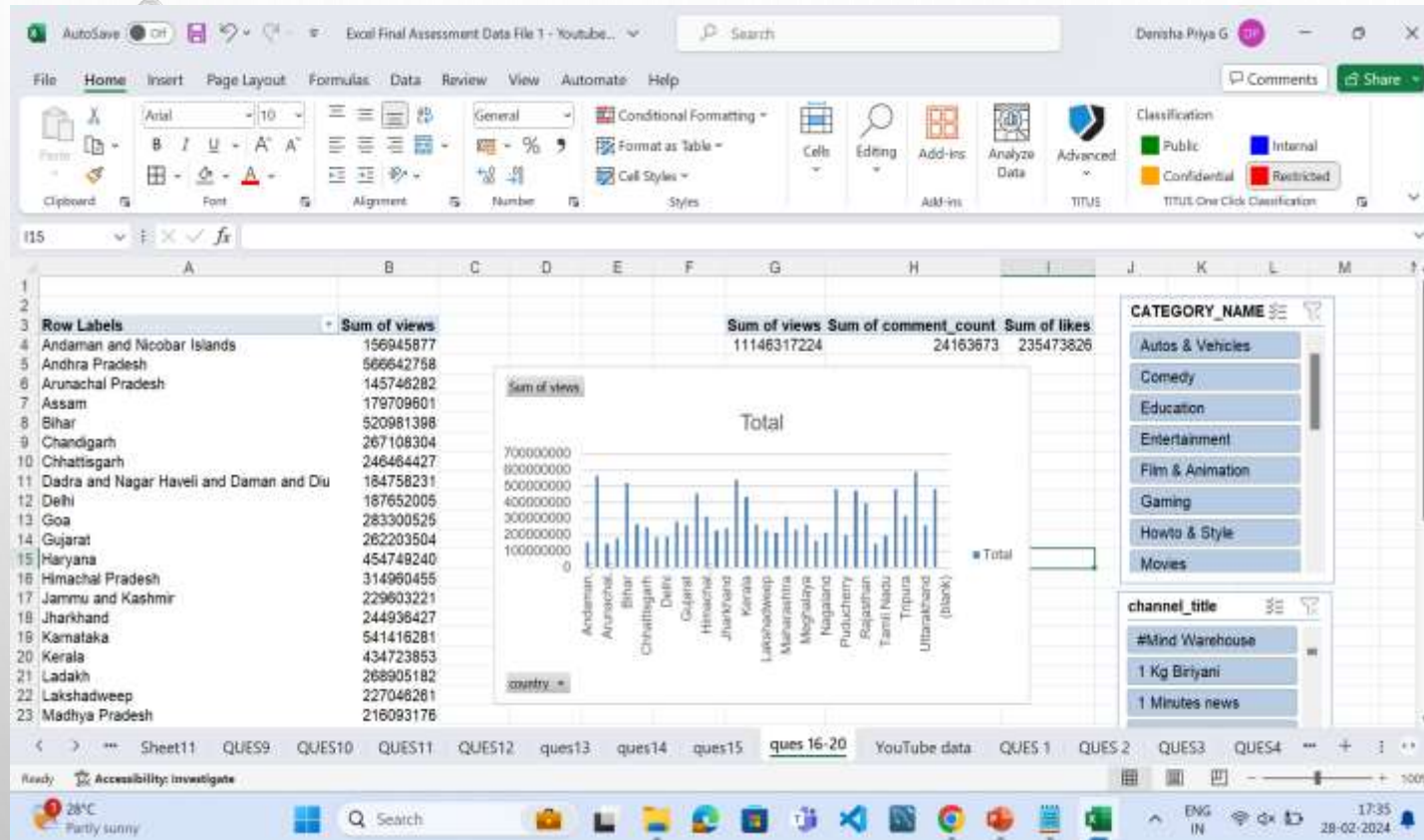
seo id	Sum of views	Sum of comment_count	Sum of dislikes	Sum of likes
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XaQ6q2Zbl	534787	230	698	1771
XgHJ5qW8	134940	1909	349	11796
7-k5kkrt0	763757	571	1259	4264
MSIV3Z0ww	795525	153	235	2335
RSMD8BqGw	54075	222	42	2199
Rv0Pw1FpA	54116	52	24	156
lWMsOwyRY	52669	34	67	714
lvresagmQ	126373	234	108	1169
mPvuGxaBg	267827	211	189	2128
YkdW_1keM	8917	23	12	159
RRVOZASew	490582	1794	1431	20611
TcCxVbQAU	120612	88	138	985
YeWEhN1Ts	689959	1473	1656	14651
_dnZu1G.jk	1542079	1241	1674	17852
3i1Rask-o	405003	436	241	2380
LEutdxpFY	398140	2748	3854	21688
Rjcc_eA0M	153359	135	261	1165
iCsP01NBk	18766	11	15	574
zMOMOHg.L4	512575	99	231	1419
Oda@gacFA	2076438	721	510	10384
FRVJaPWdQ	212597	1789	2623	3511

Category Sheet11 QUES9 QUES10 QUES11 QUES12 ques13 ques14 ques15 YouTube data QUES 1 QUES 2 QUES3 QUES4

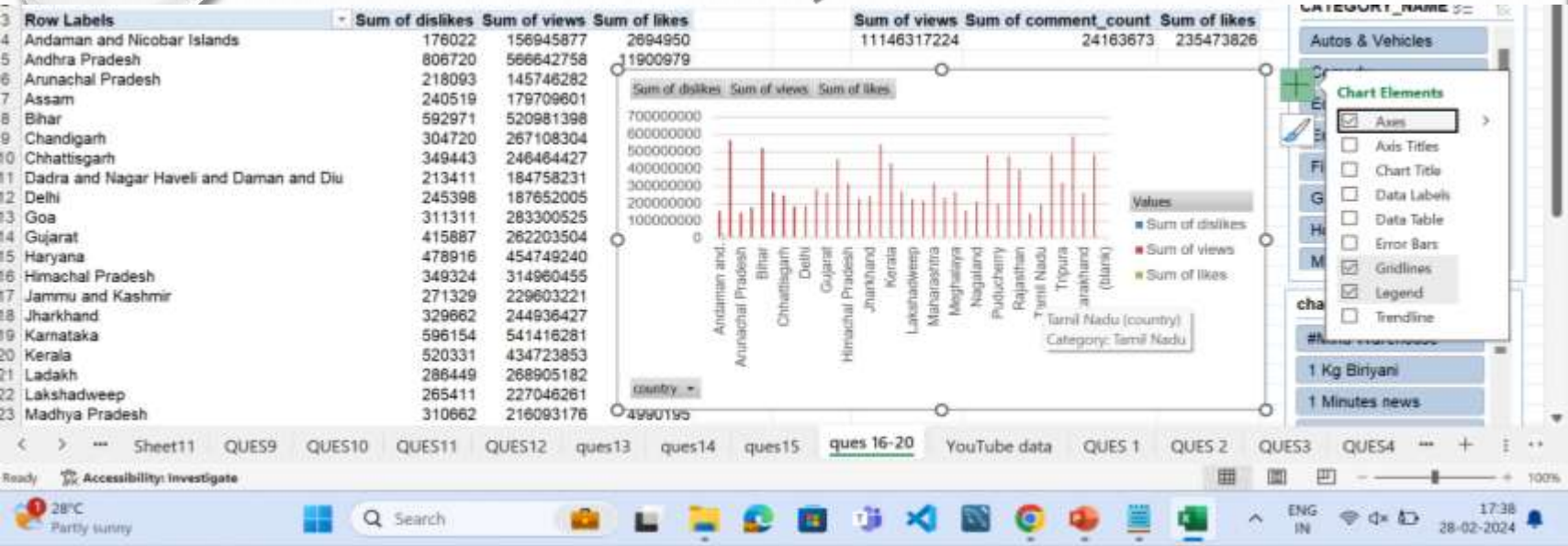
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Question 16

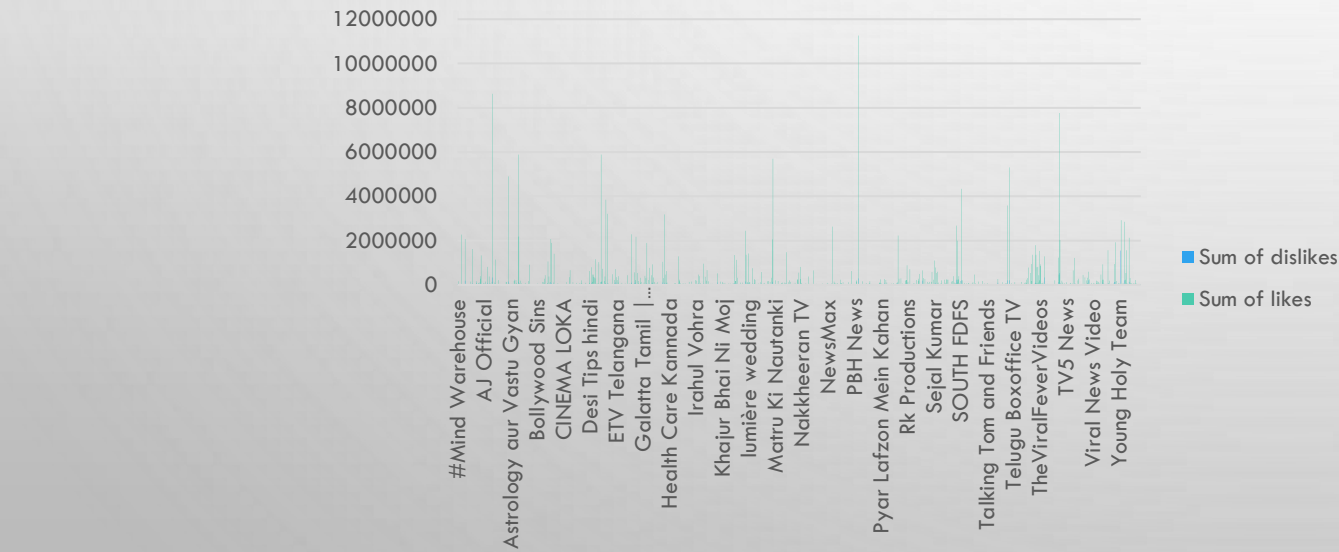


Question 17



INSIGHTS:

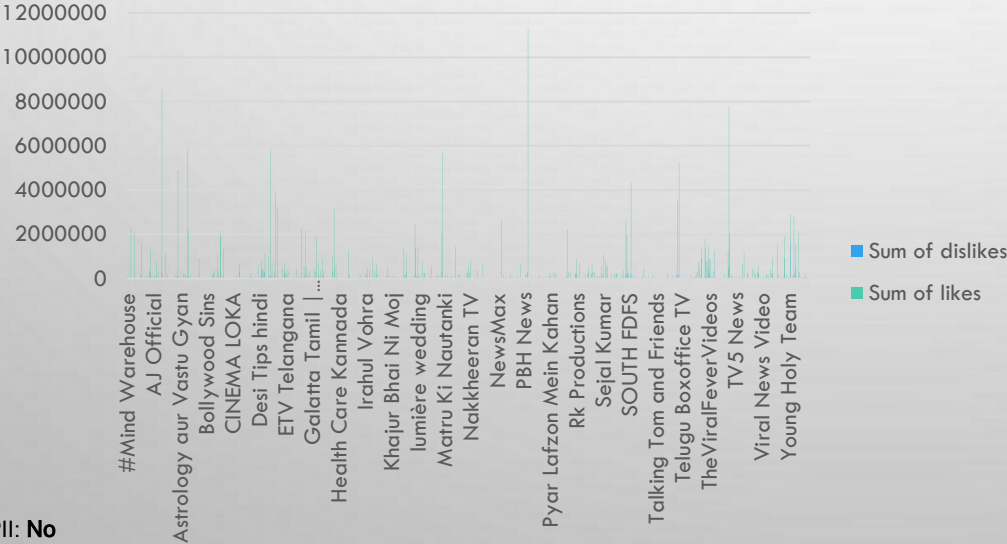
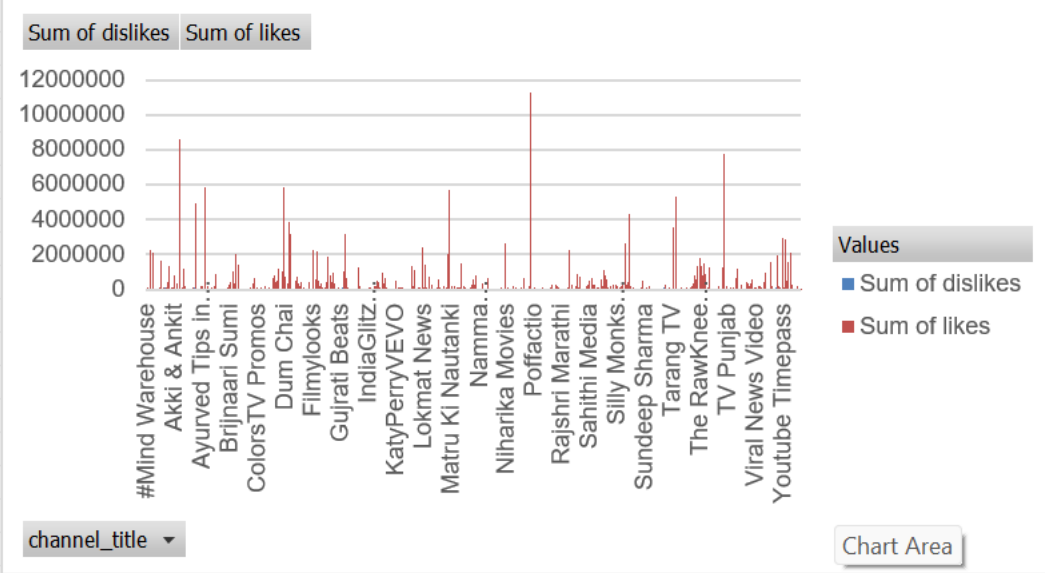
STEPS:



FORMULA:

Question 18

	Sum of dislikes	Sum of likes	Sum of views	Sum of comment_count	Sum of likes
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	11733	152505			
	3761	2467			
	16611	22920			
	5675	13833			
	443	2021			
	6476	20877			
	46699	2266480			
	507	2122			
	0	0			
	3100	11450			
	63	71			
	99	1129			
	4192	643			
	370	2777			
	189328	2068833			
	6089	15631			
	3239	28286			
	4	29			
	49	563			



INSIGHTS:

CATEGORY

Autos & V

Comedy

Education

Entertainm

Film & Ani

Gaming

Howto & S

Movies

channel_titl

#Mind War

1 Kg Biriya

1 Minutes

FORMULA:

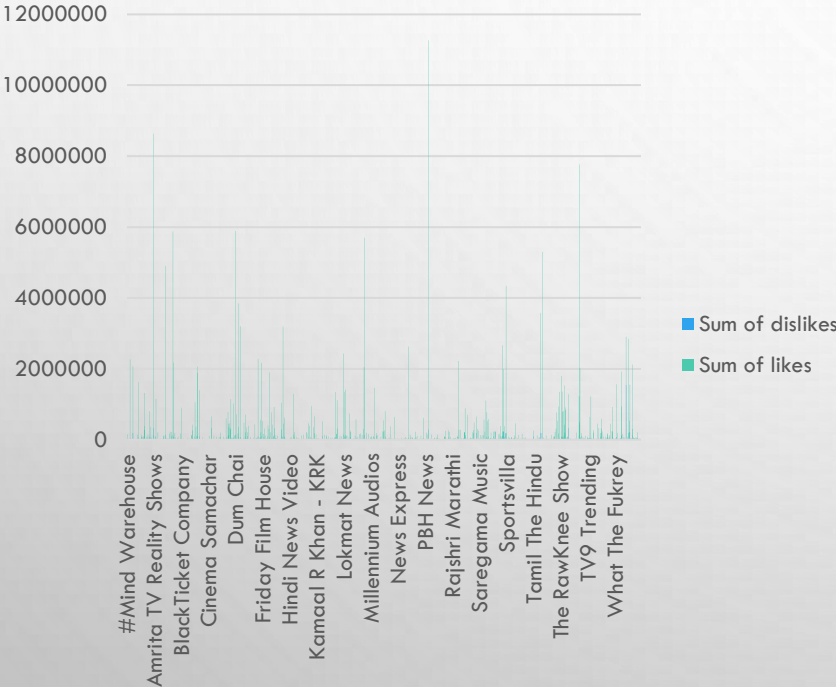
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Question 19

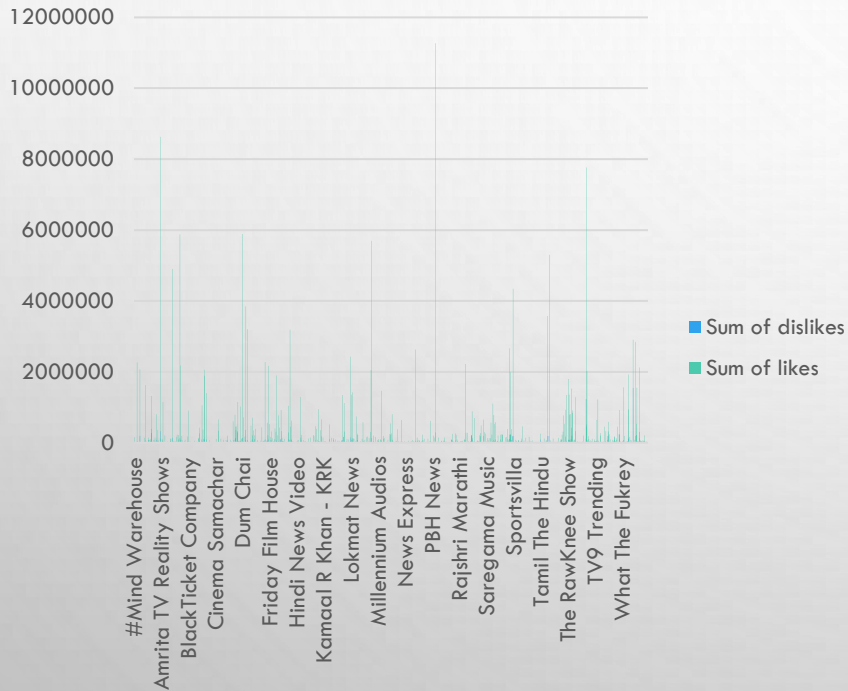
INSIGHTS:

STEPS:

FORMULA:



Question 20



INSIGHTS:

STEPS:

FORMULA: