DA Assignment – 3
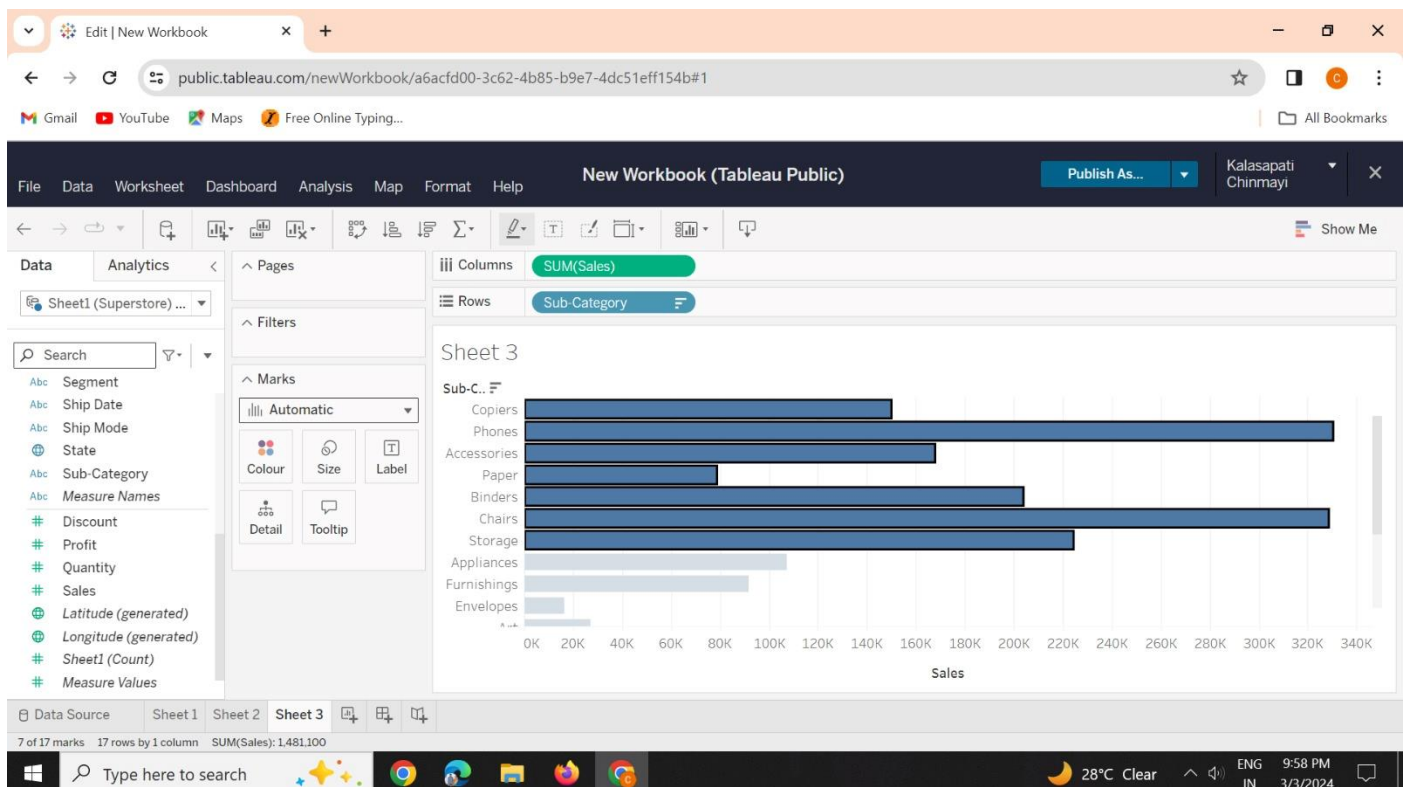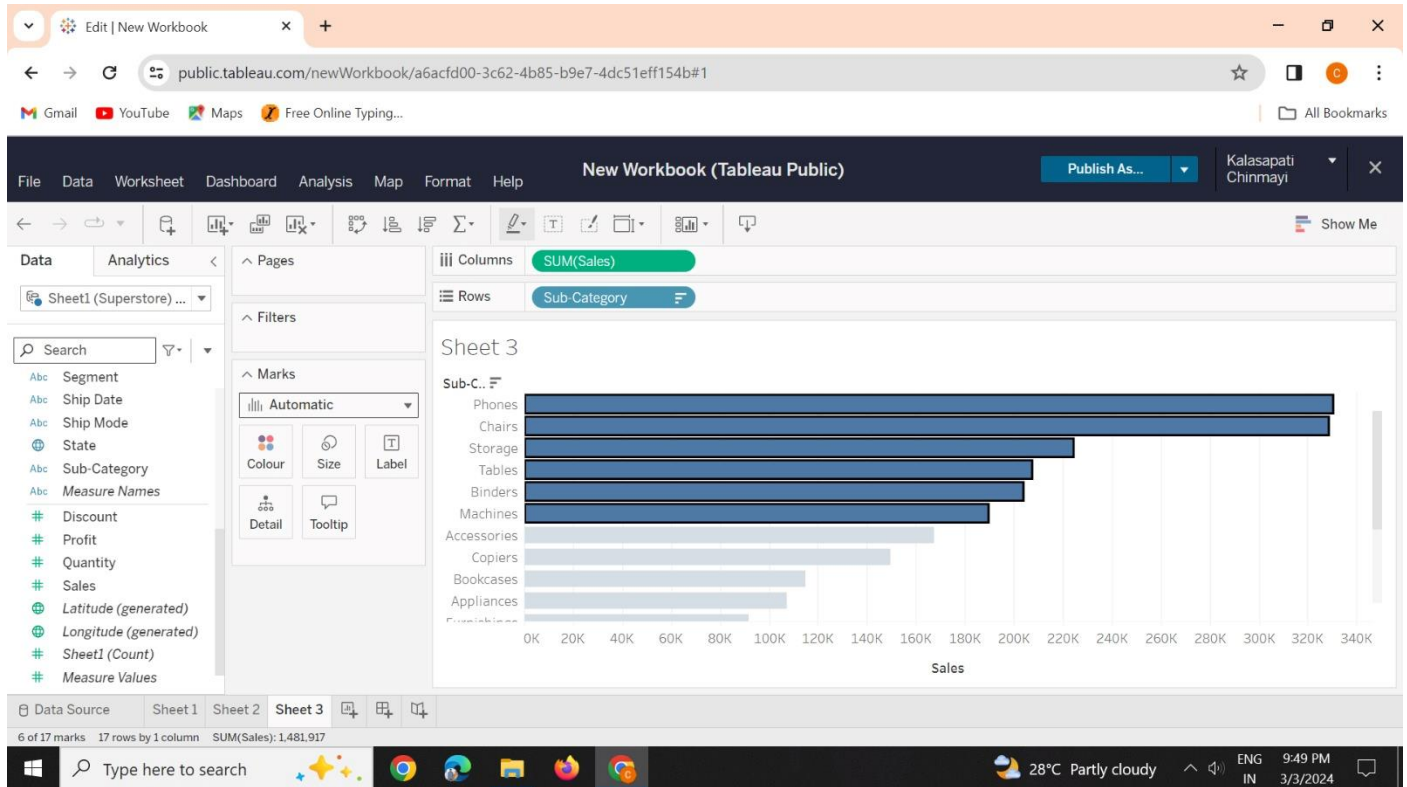
Ramineni Aamani (2071001)

Sri Padmavathi Mahila VisvaVidyalayam

1.Define at least two sets based on specific criteria from your dataset

2.Experiment with combining sets using UNION, INTERSECT, and MINUS operations.

Query editor content:

```
22        (2,'Ramesh',19),
23        (3,'Murali',21),
24        (4,'Venkat',18),
25        (5,'Anil',21);
26  •   select * from volleyball_players;
27  •   select * from football_players;
28        -- UNION
29  •   select*
30        from volleyball_players as v
31        right join football_players as f on v.player_name=f.player_name;
32
```

Result Grid:

volleyball_id	player_name	age	football_id	player_name	age
NULL	NULL	NULL	1	Balu	20
2	Ramesh	19	2	Ramesh	19
NULL	NULL	NULL	3	Murali	21
4	Venkat	18	4	Venkat	18
5	Anil	21	5	Anil	21

Action Output:

#	Time	Action	Message	Duration / Fetch
10	07:39:11	insert into volleyball_players(volleyball_id,player_name,age)values (1,'Suresh',21), (2,'Ramesh',19), (3,'Uday',20)...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	07:39:28	insert into volleyball_players(volleyball_id,player_name,age)values (1,'Suresh',21), (2,'Ramesh',19), (3,'Uday',20)...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
12	07:41:09	insert into football_players(football_id,player_name,age)values (1,'Balu',20), (2,'Ramesh',19), (3,'Murali',21), (4,'V...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
13	07:41:56	select * from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
14	07:42:18	select * from football_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
15	07:46:09	select * from volleyball_players as v right join football_players as f on v.player_name=f.player_name LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Query 1 (top window):

```
1   use players;
2   select *from volleyball_players;
3   select*
4   from volleyball_players
5   inner join football_players on volleyball_players.player_name=football_players.player_name;
6
7   select*
8   from volleyball_players
9   left join football_players on volleyball_players.player_name=football_players.player_name;
10
11
```

Result Grid

volleyball_id	player_name	age	football_id	player_name	age
1	Suresh	21	HULL	HULL	HULL
2	Ramesh	19	2	Ramesh	19
3	Uday	20	HULL	HULL	HULL
4	Venkat	18	4	Venkat	18
5	Anil	21	5	Anil	21

Result 7

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output — Action Output

#	Time	Action	Message	Duration / Fetch
6	12:55:12	select *from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
7	12:56:12	select*from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	Error Code: 1054. Unknown column 'football_players.playername' in 'on clause'	0.000 sec
8	12:57:21	select*from volleyball_players inner join football_players on volleyball_players.volleyball_id=football_players.foot...	5 row(s) returned	0.000 sec / 0.000 sec
9	12:57:34	select *from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
10	12:58:06	select*from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	3 row(s) returned	0.000 sec / 0.000 sec
11	13:06:05	select*from volleyball_players left join football_players on volleyball_players.player_name=football_players.playe...	5 row(s) returned	0.000 sec / 0.000 sec

13:07
04-03-2024

Query 1 (bottom window):

```
1   use players;
2   select *from volleyball_players;
3   select*
4   from volleyball_players
5   inner join football_players on volleyball_players.player_name=football_players.player_name;
```

Result Grid

volleyball_id	player_name	age	football_id	player_name	age
2	Ramesh	19	2	Ramesh	19
4	Venkat	18	4	Venkat	18
5	Anil	21	5	Anil	21

Result 6

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output — Action Output

#	Time	Action	Message	Duration / Fetch
5	12:54:39	select*from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	Error Code: 1054. Unknown column 'football_players.playername' in 'on clause'	0.000 sec
6	12:55:07	select *from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
7	12:56:12	select*from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	Error Code: 1054. Unknown column 'football_players.playername' in 'on clause'	0.000 sec
8	12:57:21	select*from volleyball_players inner join football_players on volleyball_players.volleyball_id=football_players.foot...	5 row(s) returned	0.000 sec / 0.000 sec
9	12:57:34	select *from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
10	12:58:06	select*from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	3 row(s) returned	0.000 sec / 0.000 sec

13:02
04-03-2024

Local instance MySQL80 ×

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- college
- ▼ players
  - ▼ Tables
    - ▼ football_players
    - ▼ volleyball_players
    - Views
    - Stored Procedures
    - Functions
- ▶ sys

Query 1 ×

Limit to 1000 rows

```
 3   select*
 4   from volleyball_players
 5   inner join football_players on volleyball_players.player_name=football_players.player_name;
 6
 7   select*
 8   from volleyball_players
 9   left join football_players on volleyball_players.player_name=football_players.player_name;
10
11   select*
12   from volleyball_players
13   right join football_players on volleyball_players.player_name=football_players.player_name;
```

SQLAdditions

Automatic context help is disabled.
Use the toolbar to manually get
help for the current caret position
or to toggle automatic help.

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

volleyball_id	player_name	age	football_id	player_name	age
NULL	NULL	NULL	1	Balu	20
2	Ramesh	19	2	Ramesh	19
NULL	NULL	NULL	3	Murali	21
4	Venkat	18	4	Venkat	18
5	Anil	21	5	Anil	21

Result 8 ×

Result Grid

Form Editor

Read Only   Context Help   Snippets

Administration Schemas

Information

No object selected

Output

Action Output

#	Time	Action	Message	Duration / Fetch
⊗ 7	12:56:12	select* from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	Error Code: 1054. Unknown column 'football_players.playername' in 'on clause'	0.000 sec
⊘ 8	12:57:21	select* from volleyball_players inner join football_players on volleyball_players.volleyball_id=football_players.foot...	5 row(s) returned	0.000 sec / 0.000 sec
⊘ 9	12:57:34	select *from volleyball_players LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
⊘ 10	12:58:06	select* from volleyball_players inner join football_players on volleyball_players.player_name=football_players.pla...	3 row(s) returned	0.000 sec / 0.000 sec
⊘ 11	13:06:05	select* from volleyball_players left join football_players on volleyball_players.player_name=football_players.playe...	5 row(s) returned	0.000 sec / 0.000 sec
⊘ 12	13:07:49	select* from volleyball_players right join football_players on volleyball_players.player_name=football_players.play...	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

ENG
13:08
04-03-2024

3.create 2 calculation field using any aggregate function
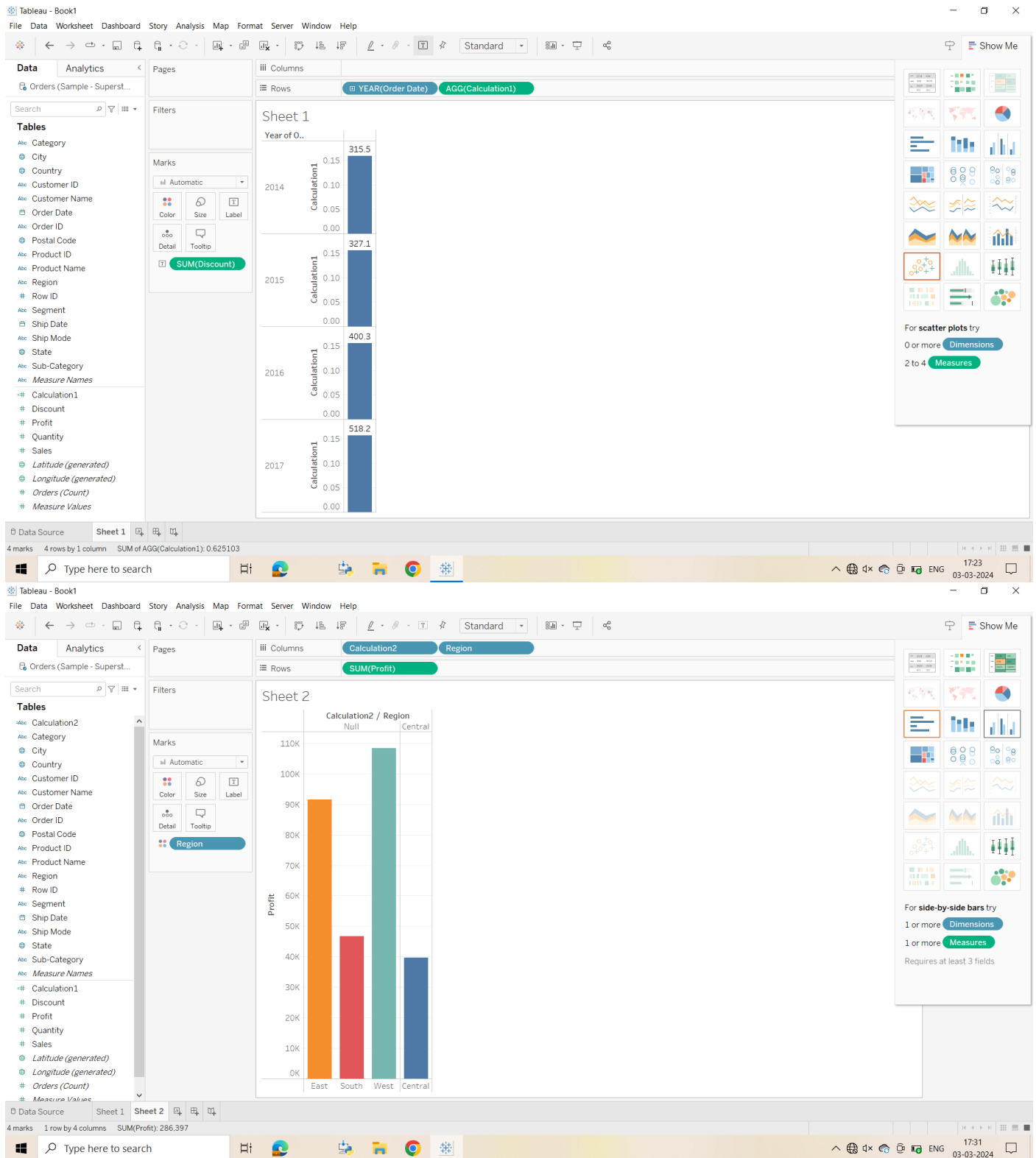
4.create any 3 visualization using quick table calculations

Compound Growth Rate

Year of O..	Quarter ..	% Differ..	Profit
2014	Q1	0.00%	3,811
	Q2	193.98%	11,204
	Q3	83.30%	12,805
	Q4	78.63%	21,724
2015	Q1	24.87%	9,265
	Q2	26.18%	12,191
	Q3	28.12%	16,854
	Q4	29.52%	23,309
2016	Q1	14.73%	11,441
	Q2	17.60%	16,390
	Q3	15.30%	15,824
	Q4	23.29%	38,140
2017	Q1	16.37%	23,506
	Q2	11.39%	15,499
	Q3	15.01%	26,985
	Q4	14.07%	27,449