

Experiment 3

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Subject: DWM

Class: TE4

Roll no: 46

Batch: D

SLICE

```
81  
82 Select spectator_id, SUM(game_id)  
83 From sales  
84 where time_id = 1  
85 Group By spectator_id  
86
```

```
87
```

SPECTATOR_ID	SUM(GAME_ID)
6	550
1	550
7	550
2	550
8	550
4	550
5	550
10	550
3	550
9	550

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10 rows selected.

DICE

```
87 Select *
88 From sales
89 where (game_id = 10 or game_id = 5)
90 AND (spectator_id = 2 OR spectator_id = 8)
91 AND (location_id = 4 OR location_id = 2)
92 AND time_id = 4
93
94 |
95 <
```

TIME_ID	GAME_ID	LOCATION_ID	SPECTATOR_ID
4	5	2	2
4	5	2	8
4	5	4	2
4	5	4	8
4	10	2	2
4	10	2	8
4	10	4	2
4	10	4	8

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8 rows selected.

ROLLUP

```
95  
96 --ROLLUP  
97 Select spectator_id, SUM(game_id)  
98 From sales  
99 where time_id = 1  
100 Group By rollup(spectator_id)  
101  
102
```

SPECTATOR_ID	SUM(GAME_ID)
1	550
2	550
3	550
4	550
5	550
6	550
7	550
8	550
9	550
10	550
-	5500

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11 rows selected.

DRILLDOWN

```
87
88 --DICE
89 Select *
90 From sales
91 where (game_id = 10 or game_id = 5)
92 AND (spectator_id = 2 OR spectator_id = 8)
93 AND (location_id = 4 OR location_id = 2)
94 AND time_id = 4
95
96
```

SPECTATOR_NAME	GAME_ID	TYPE	ADDRESS
1	1	live	govandi
1	1	live	chembur
1	1	non live	vashi
1	1	non live	kamothe
1	1	television	seawood
1	1	mobile	nerul
1	1	ott	panvel
1	1	youtube	thane
1	1	twitch	kurla
1	1	router	ghatkopar
2	1	live	govandi
2	1	live	chembur
2	1	non live	vashi
2	1	non live	kamothe
2	1	television	seawood
2	1	mobile	nerul
2	1	ott	panvel
2	1	youtube	thane
2	1	twitch	kurla
2	1	router	ghatkopar
3	1	live	govandi

PIVOT

```
108
109 --PIVOT
110 Select *
111 from sales
112 PIVOT (count(spectator_id) for time_id in (4, 6, 8, 10))
113
```

GAME_ID	LOCATION_ID	4	6	8	10
1	7	10	10	10	10
2	10	10	10	10	10
3	1	10	10	10	10
4	5	10	10	10	10
4	8	10	10	10	10
6	3	10	10	10	10
6	5	10	10	10	10
6	7	10	10	10	10
7	9	10	10	10	10
7	10	10	10	10	10
8	10	10	10	10	10
10	4	10	10	10	10