BI visuals Deck

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Objective:

Game - www.jungleerummy.com

In Rummy Game, we have a variant 101 Pool Games, that is available for users to play online. This is just one of the 4 variants that is available. This 101 Pool Games have different 'Entry Fee' (the money the user pays to play the game). Say 3 users A,B,C are playing the game with Entry Fees of INR 10. All users will pay a certain Cut% to Junglee Games for the gaming experience. This cut% varies according to Entry Fees. Let us say this cut% for Entry Fees of INR 10 is 15%. All users will pay INR 1.5 each (INR 4.5 is the rake / revenue for the company) and the remaining INR 8.5 from each user goes into the final pot that is available as the winnings amount. Ultimately a single user wins. If B wins, then (s)he wins INR 25.5 with a net winning of INR 15.5 (25.5 minus 10). Other users have a net losses of INR 10 each.

Data file is 'BI Skill Test – Data Set.xlsx'. The data has following columns

1. Entry Fee: This is the Buy-in (money user pays) in rupees to enter the game
2. Seat: Max number of players that can sit on the table i.e. 2,6 for the data set
3. Composition: Actual number of players that actually joined the table
4. Date: It's a data set of 1st July 2018 to 30 Sep 2018 which gives daily data for each table configuration
5. Configuration: Defined as the combination of Entry Fees – Seats – Composition
6. Cut %: %age amount deducted for each game from each user
7. # Users: Distinct count of players (unique players) who played at least 1 game for table configuration for the date
8. User Cash Game Count: Total number of games played by users on table configuration for the date. If user A,B,C play together a single game, then the value will be 3
9. Rake: Total amount generated in revenue from a table configuration for the date
10. Wager: Total amount paid by the users in terms of Entry Fees to play the game

Test

Create a Dashboard which helps to gauge the health of the business for the 101 Pool games.

Solution:

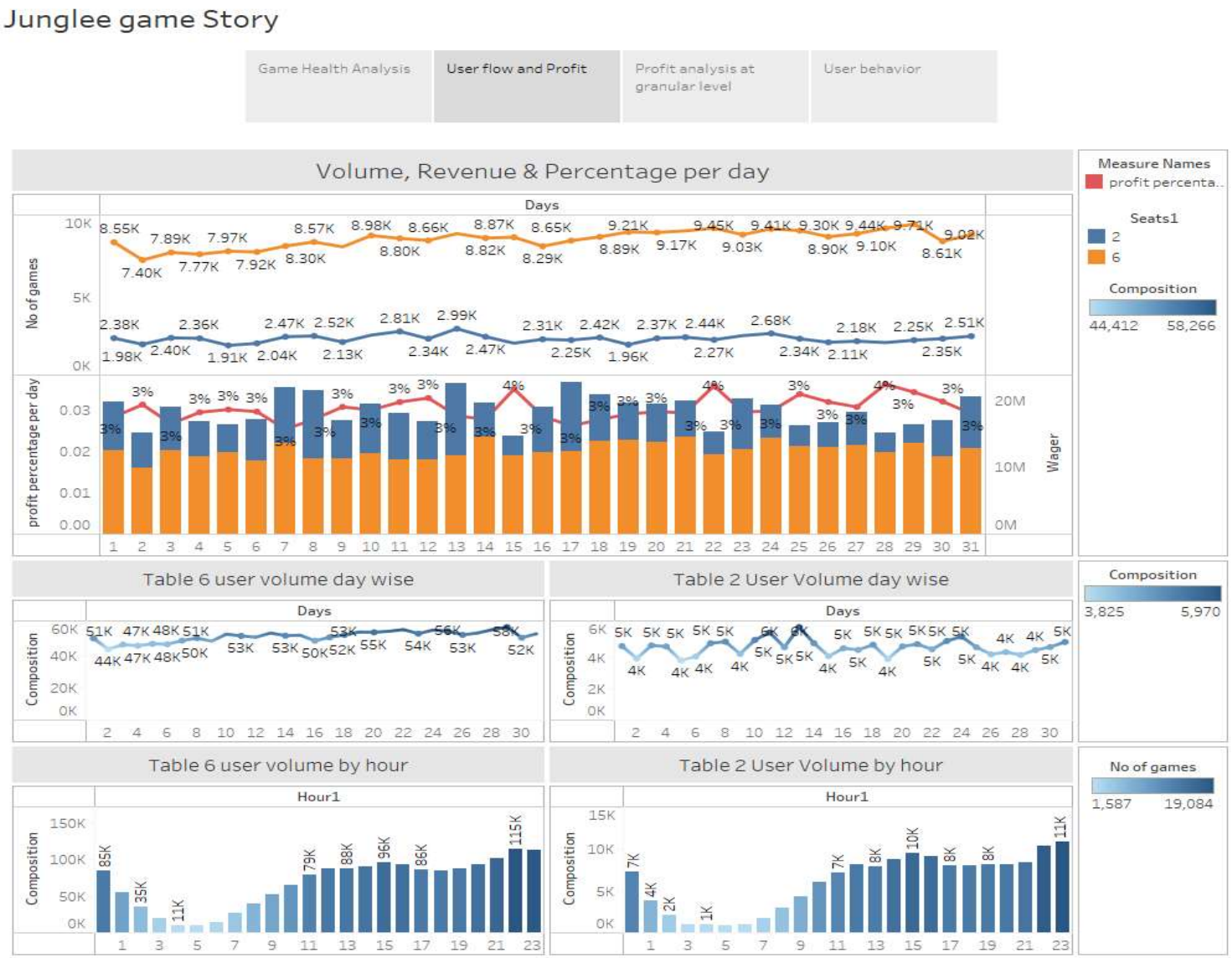
- **Step 1-** Data Exploration and Transformation
  - Field shaded green are calculated columns initially at data source level.
  - I have also created more calculated columns as per requirements.

	A	B	C	D	E	F	G	H	I	J	K
1	Date	Hour	Entry Fe	Seats	Rake Perce	Rake	Users	Wager	Composition	Cut Percentage	UGC
2	July 1, 2018	0	10	2	15.00%	81	36	540	54	1.5	27
3	July 1, 2018	0	10	6	15.00%	1050	381	6540	654	1.5	109
4	July 1, 2018	0	25	2	15.00%	405	51	2700	108	3.75	54
5	July 1, 2018	0	25	6	15.00%	2454	417	15600	624	3.75	104
6	July 1, 2018	0	50	2	15.00%	45	6	300	6	7.5	3
7	July 1, 2018	0	50	6	15.00%	1779	168	11400	228	7.5	38
8	July 1, 2018	0	100	2	15.00%	540	18	3600	36	15	18
9	July 1, 2018	0	100	6	15.00%	8595	285	53700	537	15	89.5
10	July 1, 2018	0	250	6	15.00%	8775	135	54000	216	37.5	36
11	July 1, 2018	0	500	2	12.00%	360	6	3000	6	60	3
12	July 1, 2018	0	500	6	12.00%	8640	84	66000	132	60	22
13	July 1, 2018	0	1000	2	10.00%	600	6	6000	6	100	3
14	July 1, 2018	0	1000	6	10.00%	33600	120	312000	312	100	52
15	July 1, 2018	0	3000	2	10.00%	1800	6	18000	6	300	3
16	July 1, 2018	0	3000	6	10.00%	50400	66	468000	156	300	26
17	July 1, 2018	0	5000	2	8.00%	7200	12	90000	18	400	9
18	July 1, 2018	0	10000	2	6.00%	10800	9	180000	18	600	9
19	July 1, 2018	1	10	2	15.00%	81	36	540	54	1.5	27
20	July 1, 2018	1	10	6	15.00%	555	246	3510	351	1.5	58.5
21	July 1, 2018	1	25	2	15.00%	249	36	1650	66	3.75	33
22	July 1, 2018	1	25	6	15.00%	1362	198	8625	345	3.75	57.5
23	July 1, 2018	1	50	6	15.00%	1800	159	11100	222	7.5	37

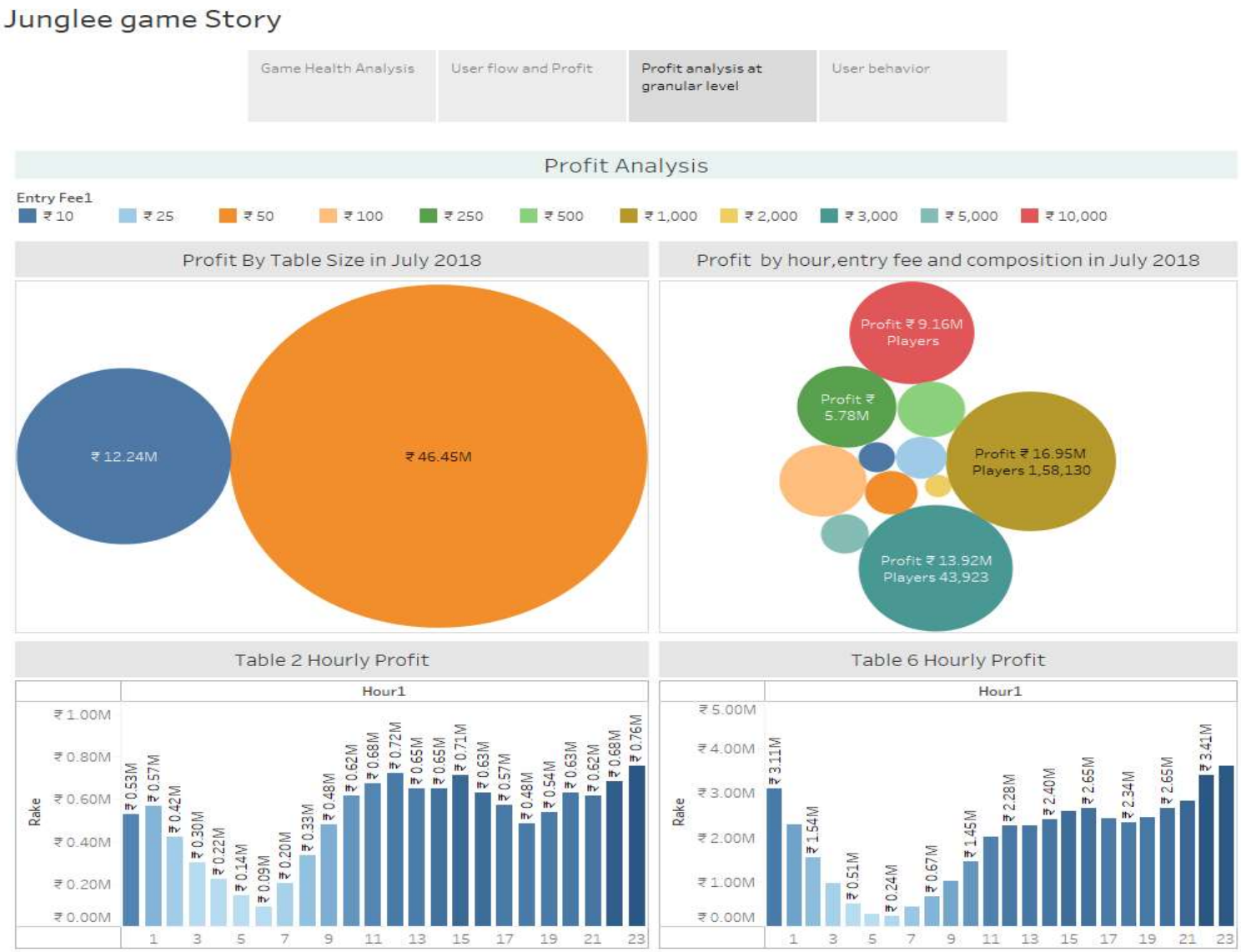
Sheet_1_crosstab (1)

Solution:

- **Step 2-** Data Visualisation in Tablelau
  - I have created 3 Tableau dashboards and made a Tableau Story to make the process self explanatory and more interactive.
  - Dashboard holds 101 pool game health analysis.



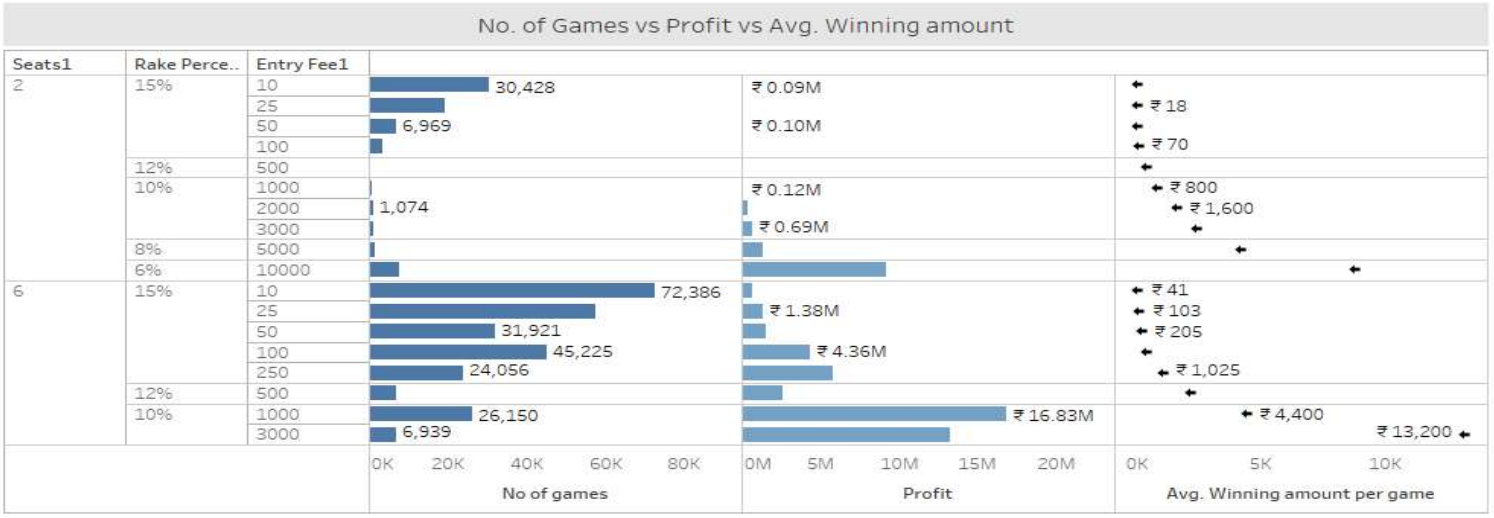
- This dashboard show us User flow and profitability.
- -on the basis of number of games, seats and days over a month
- I have also added hourly change in volume on both tables i.e 2,6

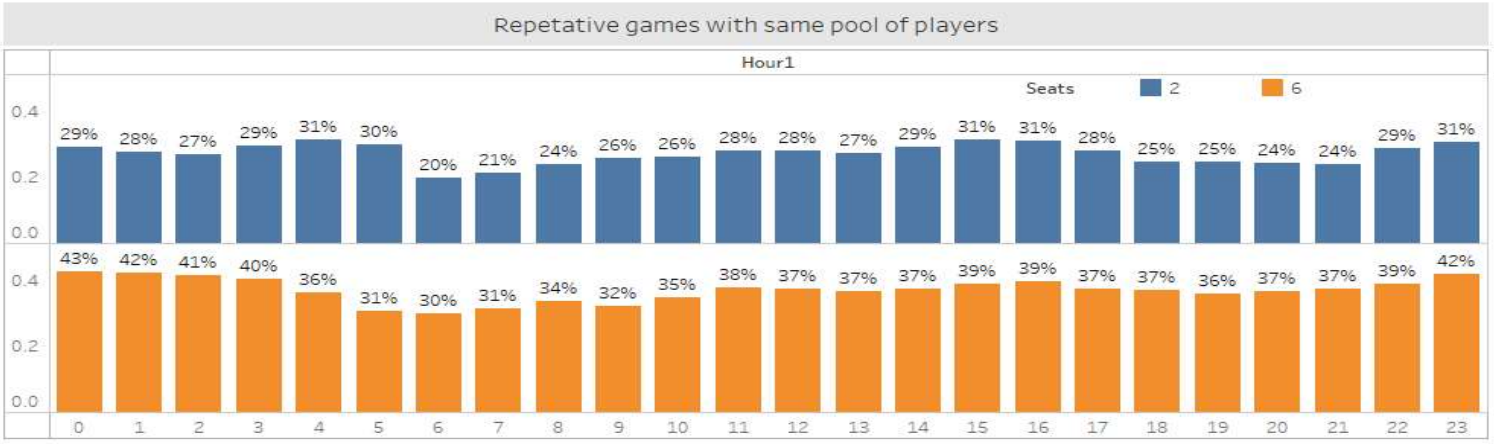


- This dashboard show complete profit analysis.
- -on the basis of total profit on table 2,6 and further profit on the basis of Entry Fee, Composition
- I have also added hourly profit on both tables i.e 2,6

Junglee game Story

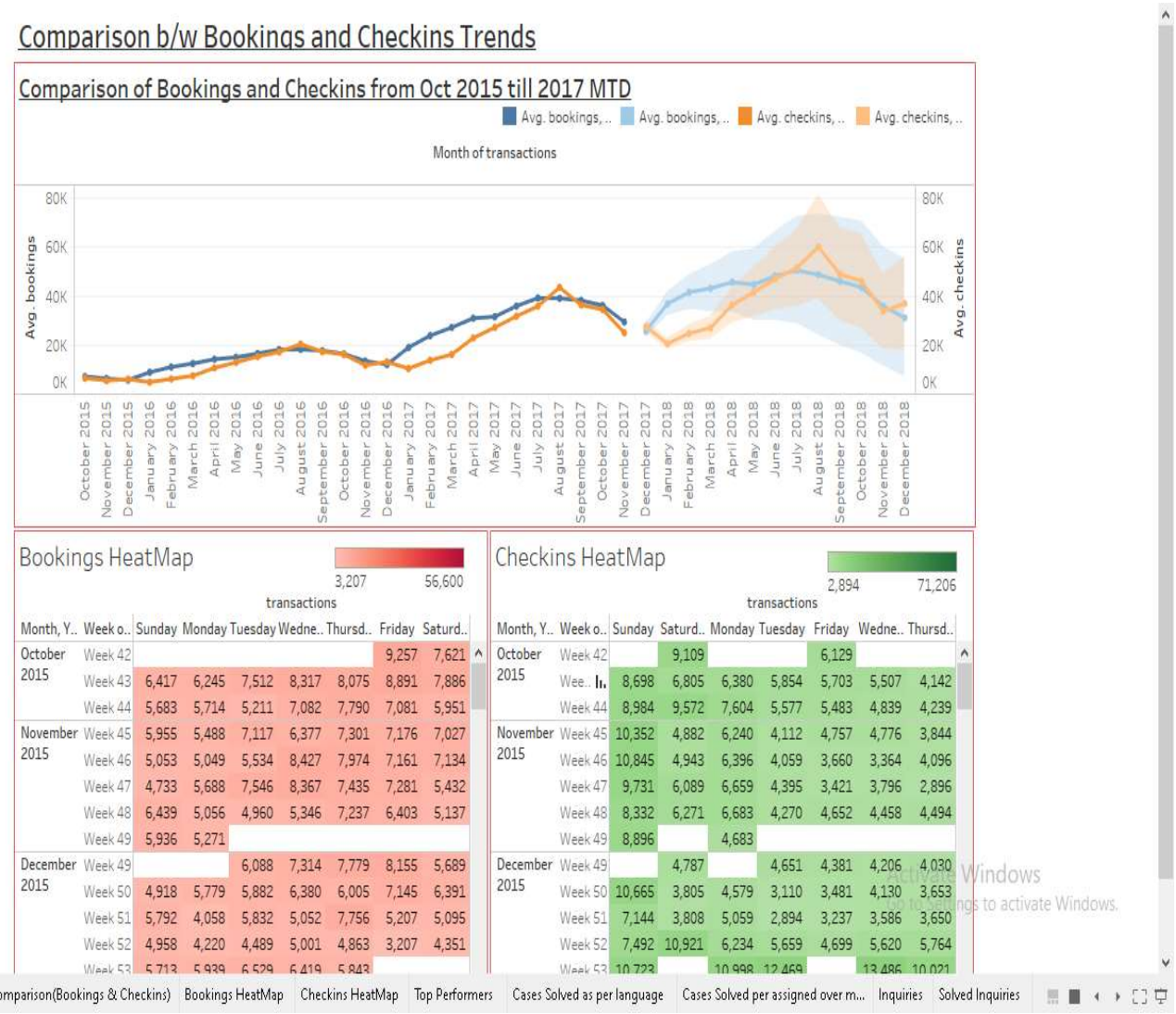
Game Health Analysis | User flow and Profit | Profit analysis at granular level | **User behavior**





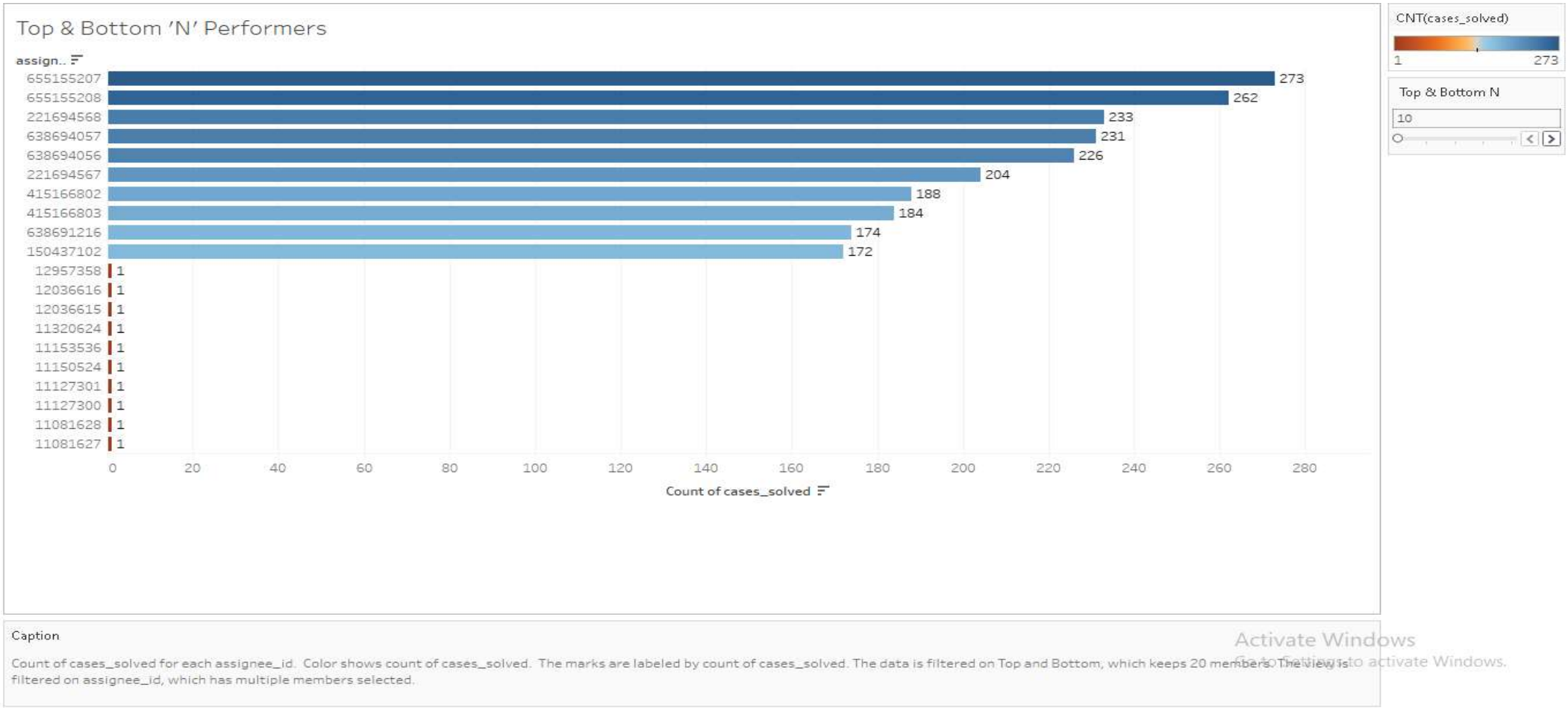
- This dashboard show User behaviour analysis on the 101 pool rummy game.
- It shows the no. of games, profit and average winning amount for different seats further drilled down into Rake %age and Entry Fee
- Also, a visual for Repetitive games with same pool of players for the both Tables have been reported.

Dashboard Visuals for leading Vacation Rental Online Marketplace:



- This dashboard show trend in comparison of booking and checkins and forecast the data for 2018 period.

❖ Top & Bottom ‘N’ Performers: used parameter to show Top and Bottom ‘n’ using parameter as a filter

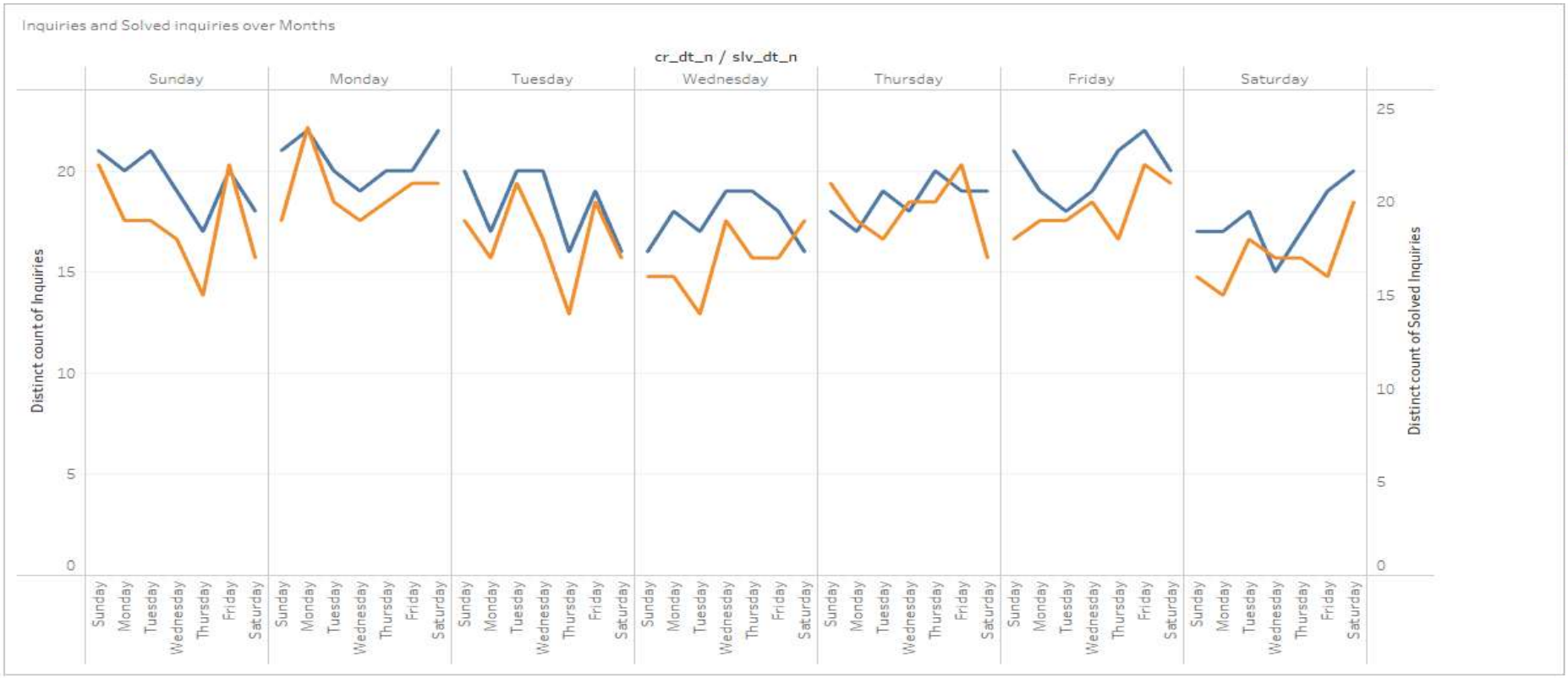


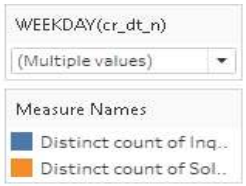
Caption

Count of cases_solved for each assignee_id. Color shows count of cases_solved. The marks are labeled by count of cases_solved. The data is filtered on Top and Bottom, which keeps 20 members. The view is filtered on assignee_id, which has multiple members selected.

Activate Windows
Go to Settings to activate Windows.

❖ The trends of inquiries and solved inquiries over Weekdays :- showing which days get more inquiries and clearly it shows .



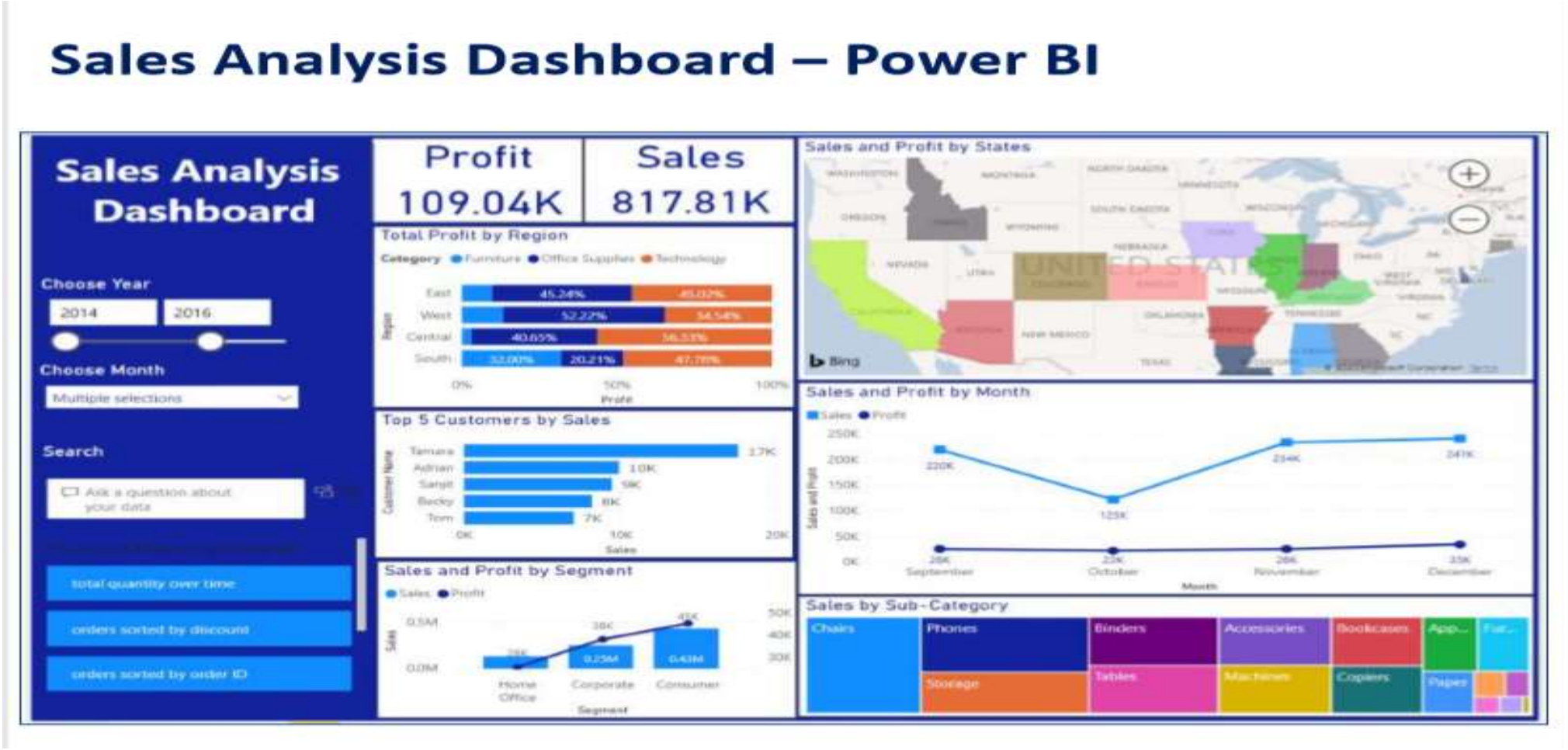


Caption

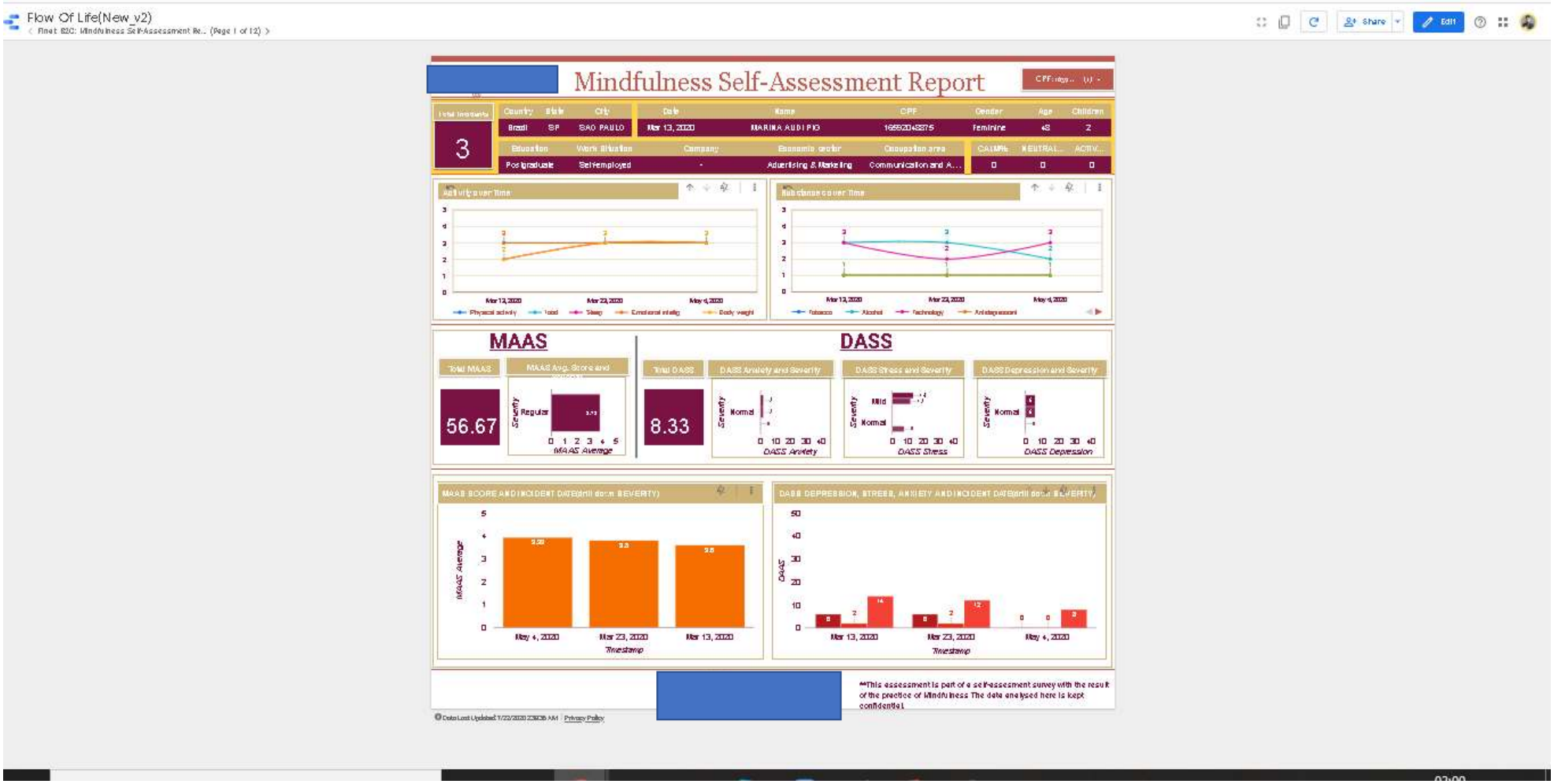
The trends of inquiries and solved inquiries over Weekdays showing which days get more inquiries and clearly it shows .
Color shows details about distinct count of count_crt_dt and distinct count of count_solved_dt. The data is filtered on cr_dt_n (WEEKDAY), which excludes Null.

Activate Windows
Go to Settings to activate Windows.

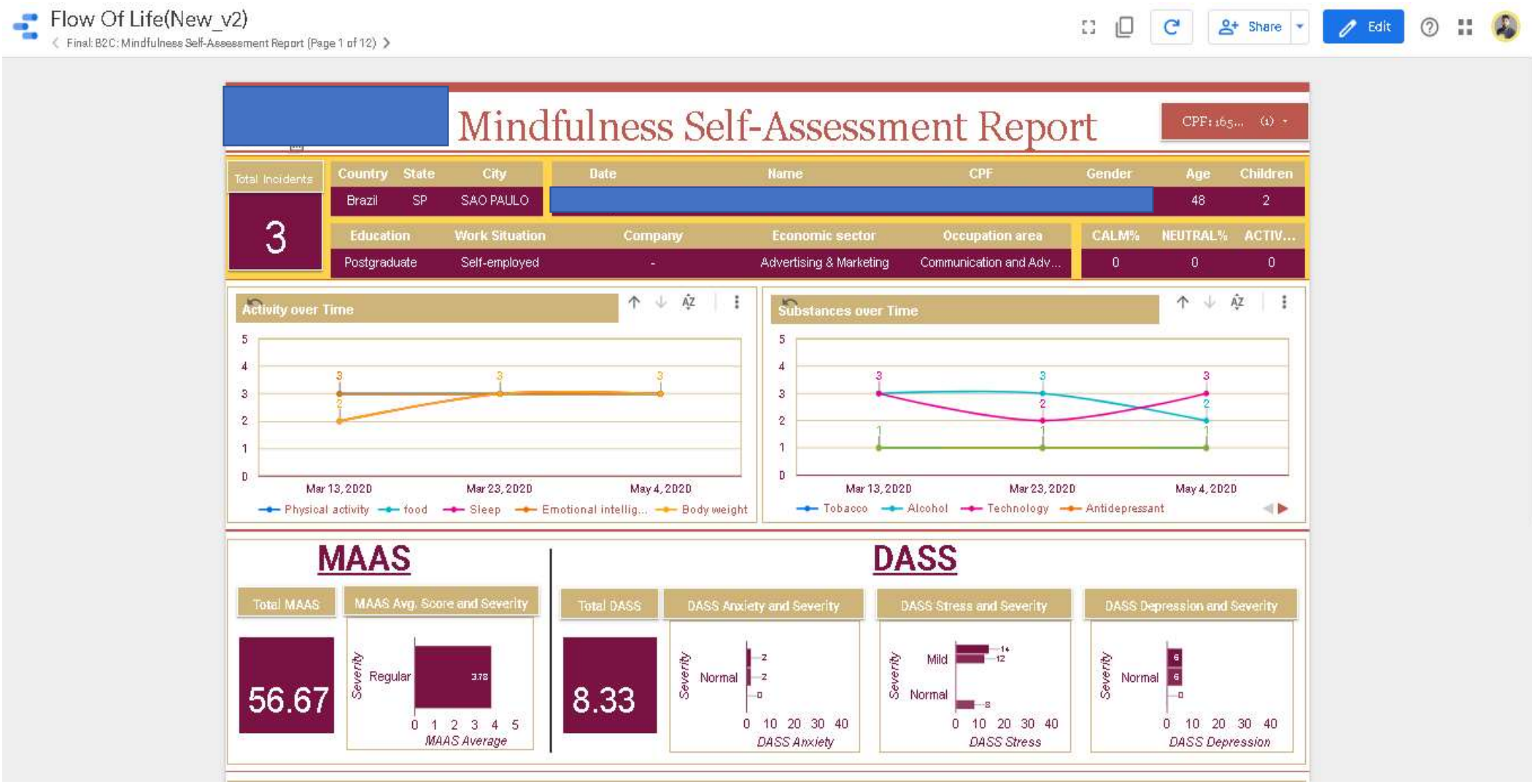
❖ Power BI Dashboard Visual:



Google Data Studio Visuals



Google Data Studio Visuals: Report 1



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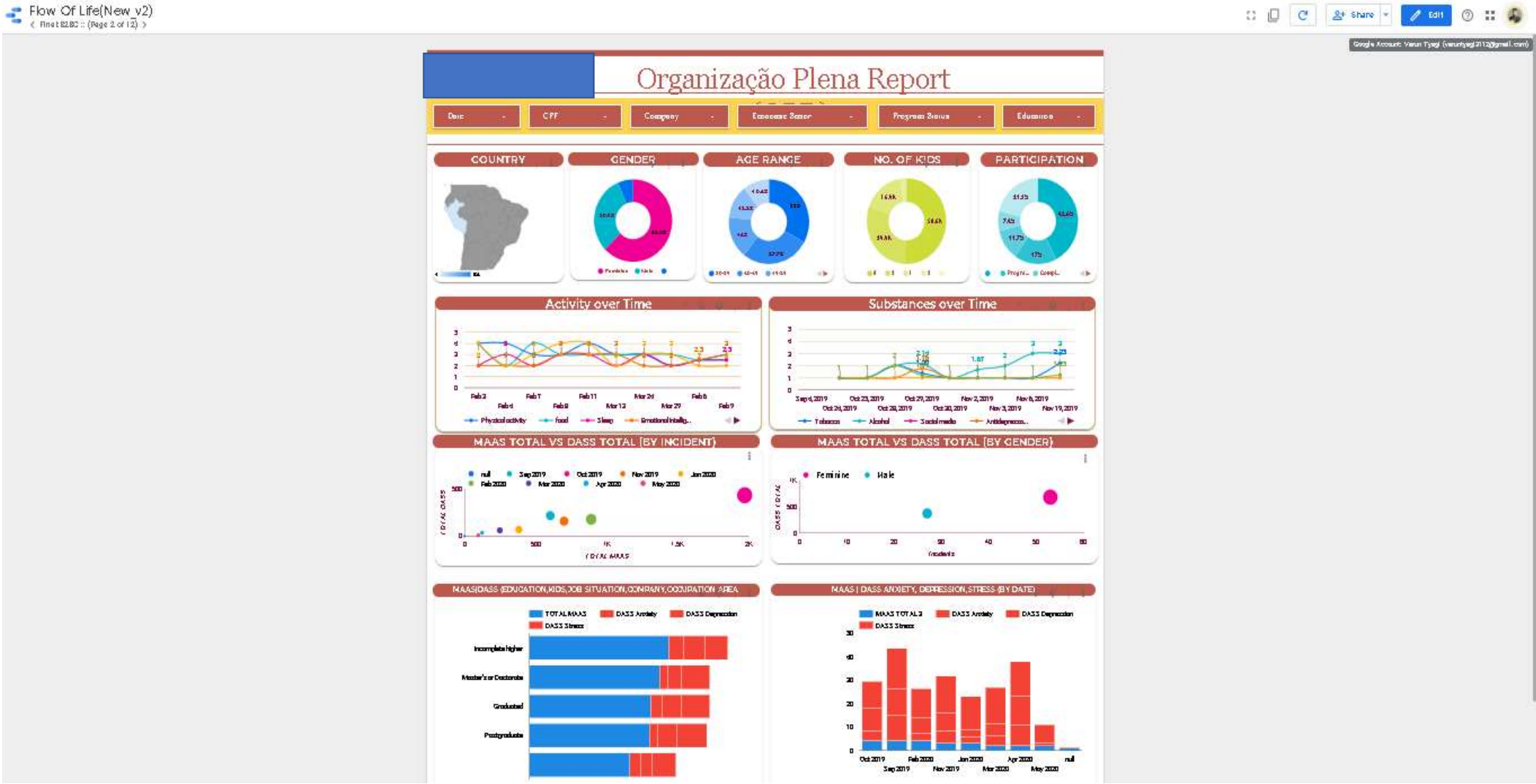
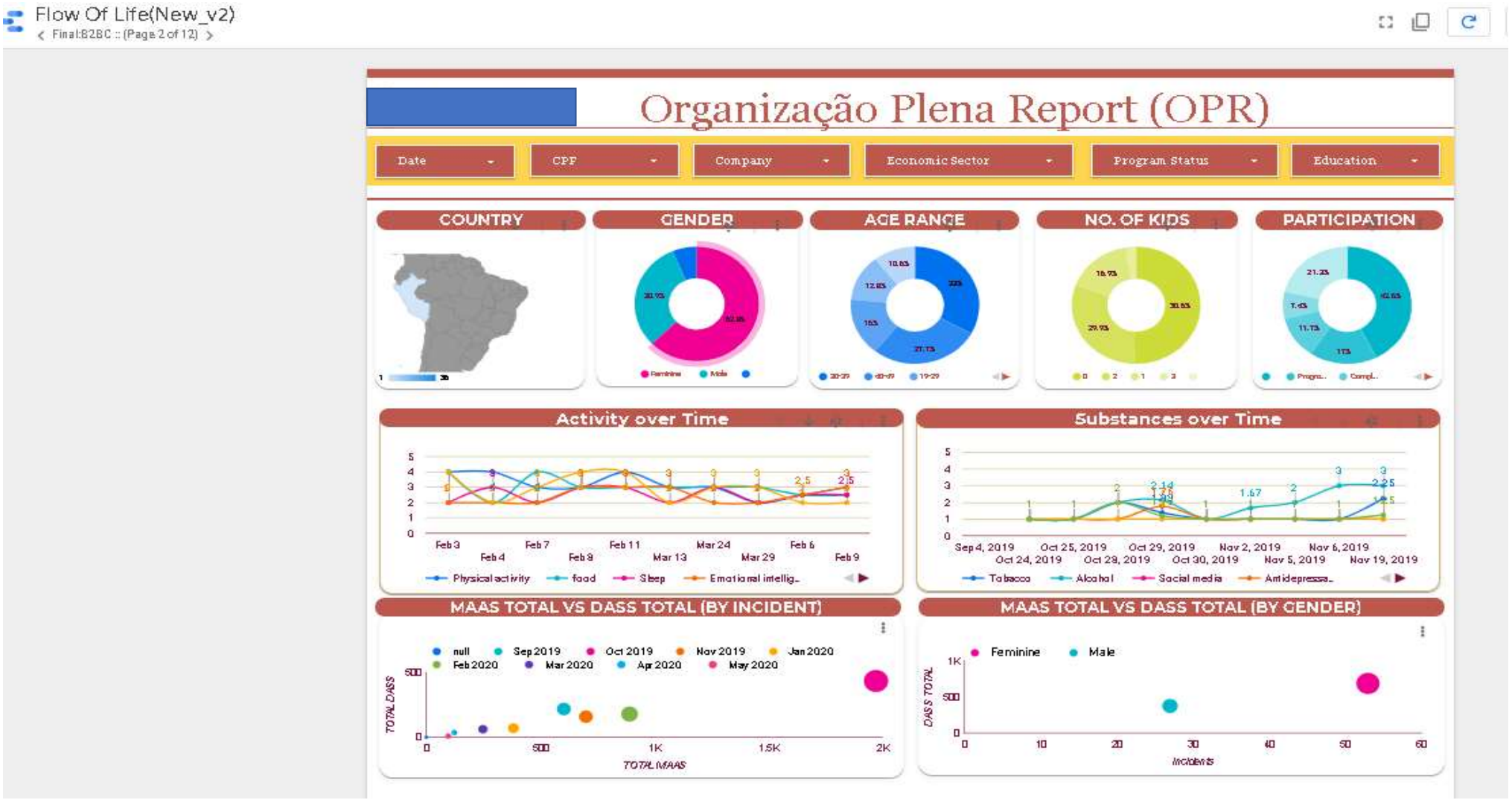
**This assessment is part of a self-assesment survey with the result of the practice of Mindfulness The data analysed here is kept confidential.

Google Data Studio Visuals



Google Data Studio Visuals: Report 2



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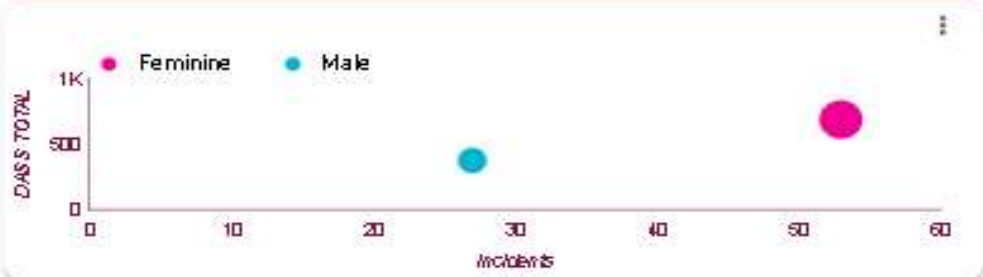
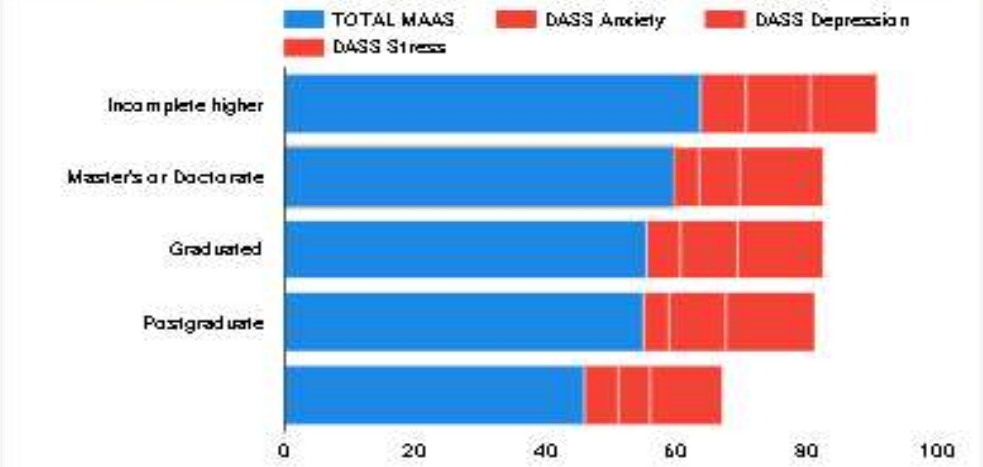
MAAS TOTAL VS DASS TOTAL (BY INCIDENT)

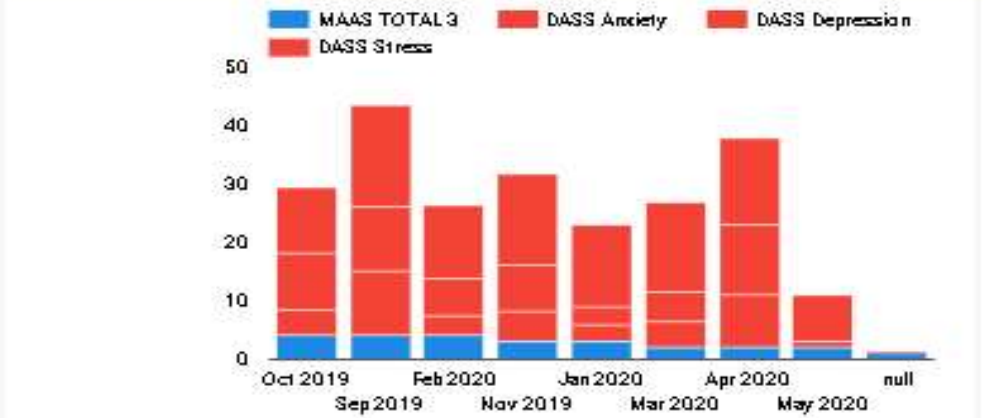
MAAS TOTAL VS DASS TOTAL (BY GENDER)



MAAS|DASS [EDUCATION,KIDS,JOB SITUATION,COMPANY,OCCUPATION AREA



MAAS | DASS ANXIETY, DEPRESSION,STRESS [BY DATE]



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Thank You!

Let me know your valuable feedback