

Module 2 - Occupancy & Revenue Metrics

1. Created Duration Details sheet using Customer_ID, Checkin_Date, Checkout_Date and Duration

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	Customer_ID	-	Checkin_Date	-	Checkout_Date	-	Duration																				
2	C00862		2025-10-30		2025-11-08		9																				
3	C00742		2025-05-15		2025-05-19		4																				
4	C00742		2025-03-13		2025-03-26		13																				
5	C0054		2025-05-02		2025-05-04		2																				
6	C00149		2023-02-26		2023-03-08		10																				
7	C00977		2025-08-23		2025-08-24		1																				
8	C00087		2025-04-09		2025-04-21		12																				
9	C0043		2025-10-22		2025-10-25		3																				
10	C0046		2025-12-15		2025-12-16		1																				
11	C00135		2025-06-07		2025-06-10		3																				
12	C0016		2025-04-12		2025-04-16		4																				
13	C00573		2025-06-28		2025-07-03		5																				
14	C00484		2025-08-18		2025-08-28		10																				
15	C00881		2025-10-15		2025-10-22		7																				
16	C0046		2025-06-09		2025-06-09		5																				
17	C0061		2025-06-04		2025-06-05		1																				
18	C00315		2025-10-08		2025-10-13		5																				
19	C00649		2023-11-28		2023-11-29		1																				
20	C00353		2024-07-26		2024-08-02		7																				
21	C00178		2025-05-17		2025-05-28		11																				
22	C00212		2024-06-24		2024-06-28		4																				
23	C00992		2025-12-17		2025-12-26		9																				
24	C00953		2025-07-08		2025-07-10		2																				
25	C00932		2025-07-10		2025-07-12		2																				
26	C00432		2025-05-19		2025-05-25		6																				
27	C0069		2025-11-04		2025-11-12		8																				
28	C00453		2024-08-18		2024-08-30		12																				
29	C0055		2025-11-08		2025-11-13		5																				
30	C00215		2025-06-12		2025-06-13		1																				
31	C00553		2025-06-29		2025-07-02		3																				
32	C0065		2025-08-16		2025-08-21		5																				

2. Created Stay_Date column using Custom Column in the Power Query Editor

The screenshot shows the Microsoft Power Query Editor interface with the following details:

- File**: Power Query Editor
- Home**: Transform Add Column View
- Transform**: Advanced Editor
- Add Column**: Manage Columns
- View**: Properties
- Queries**: Table1
- Table1**: Data view showing 39 rows of data with columns: Customer_ID, Checkin_Date, Checkout_Date, Duration, and StayDate.
- Properties** pane (right side):
 - Name: Table1
 - All Properties
- Applied Steps** pane (right side):
 - Source
 - Changed Type
 - Added Custom
 - Removed Columns
 - Added Custom1
 - Removed Columns1
 - Added Custom2
 - Expanded StayDate
 - Grouped Rows
 - Renamed Columns
 - Changed Type1

3. Create the Rooms_Booked column using the Group By function in the Power Query Editor

The screenshot shows the Power Query Editor interface with the following details:

- Query Settings:** The query is named "Table1".
- Applied Steps:** The last step applied is "Renamed Columns".
- Transform ribbon:** The "Data Type" tab is selected.
- Table View:** The table contains two columns: "StayDate" and "RoomBooked".
- Content:** The data shows room bookings from October 2025, with values ranging from 30 to 64.

4. Changed the data type of Stay_Date column from Text to Date

The screenshot shows the Power Query Editor interface with the following details:

- Query Settings:** The query is named "Table1".
- Applied Steps:** The last step applied is "Changed Type".
- Transform ribbon:** The "Data Type" tab is selected.
- Table View:** The table contains two columns: "StayDate" and "RoomBooked".
- Content:** The data shows room bookings from October 2025, with values ranging from 30 to 64.

5. Created Pivot Table using the Stay_Date and Rooms_Booked Columns from the Rooms Booked sheet to fetch the Yealy & Monthly Bookings Data

PivotTable Fields

- Choose fields to add to report:
- Search: StayDate, RoomBooked, Months (StayDate), Quarters (StayDate), Years (StayDate)
- More Tables...

	B
Row Labels	Sum of Rooms Booked
2024	2545
Feb	53
Mar	41
Apr	108
May	164
Jun	135
Jul	145
Aug	214
Sep	388
Oct	412
Nov	439
Dec	446
2025	12020
Jan	484
Feb	456
Mar	581
Apr	712
May	978
Jun	708
Jul	853
Aug	1045
Sep	1207
Oct	1454
Nov	1739
Dec	1593
2026	137
Jan	137
Grand Total	14702

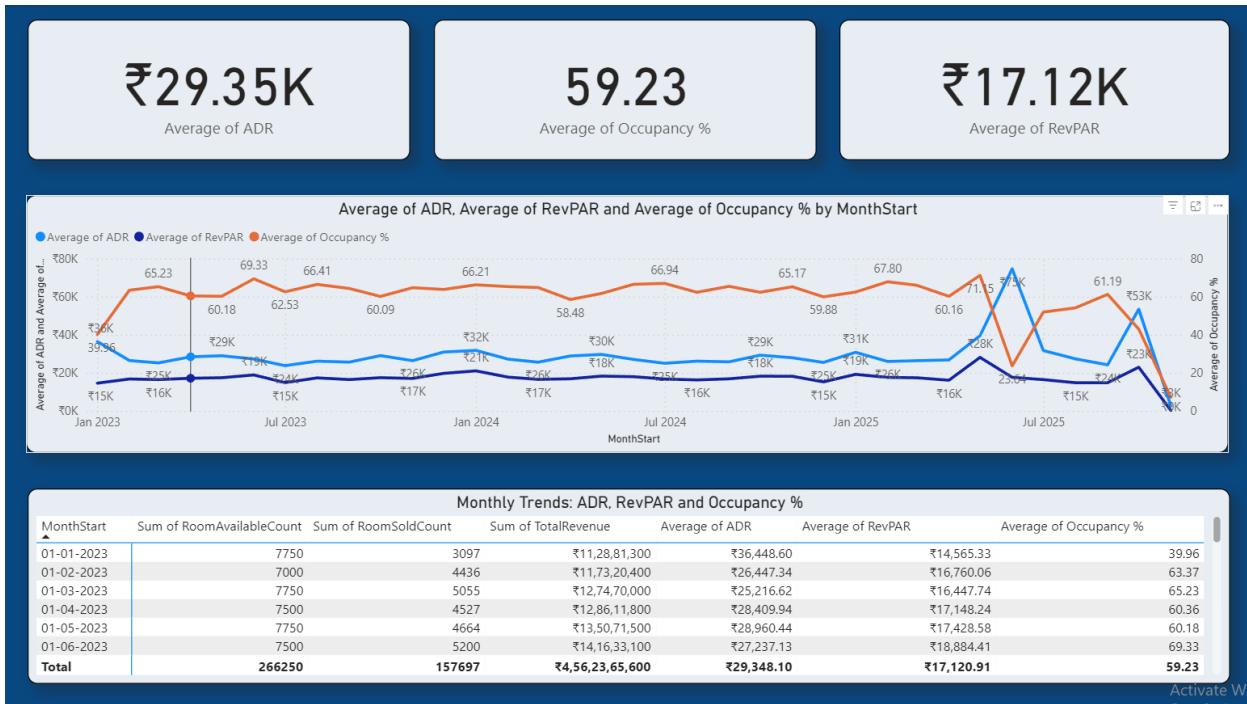
6. Created the Master Data sheet with Month, Day_Count, Rooms_Available, Rooms_Sold and Occupancy_% columns

Master Data

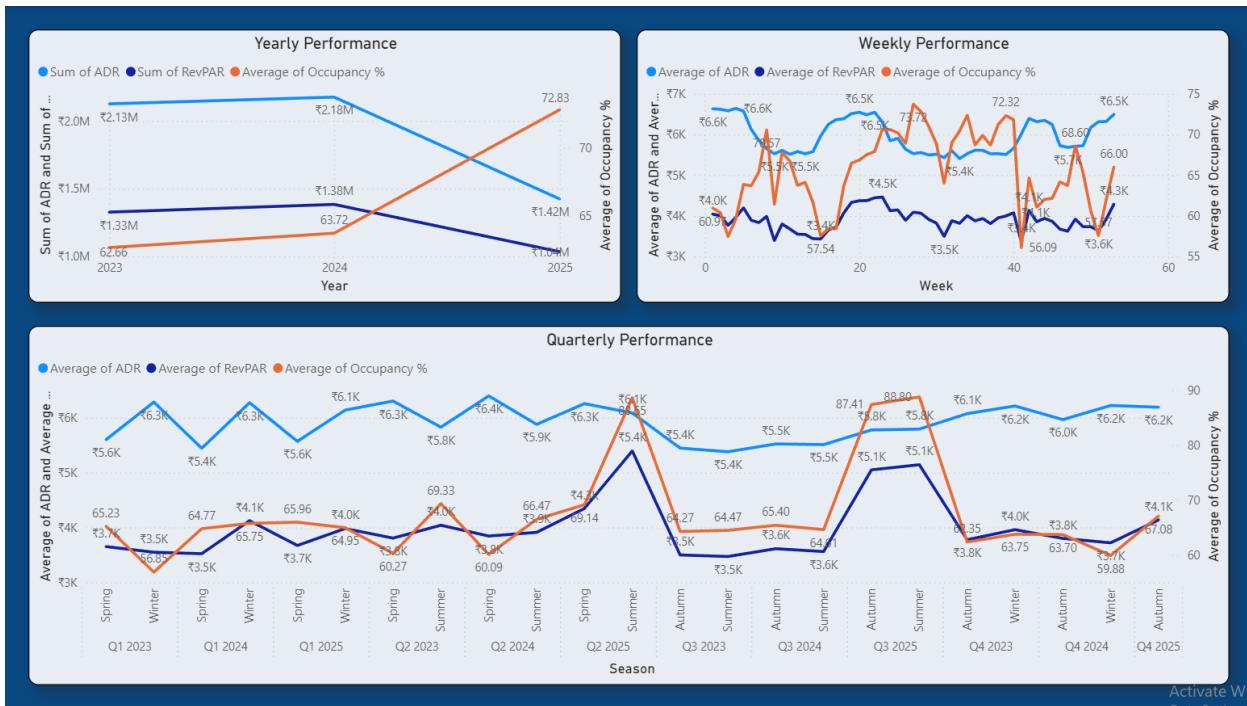
Month	Day_Count	Rooms_Available	Rooms_Sold	Occupancy %
01-Feb-24	29	12180	53	0.44
01-Mar-24	31	13020	41	0.31
01-Apr-24	30	12600	108	0.86
01-May-24	31	13020	164	1.26
01-Jun-24	30	12600	135	1.07
01-Jul-24	31	13020	145	1.11
01-Aug-24	31	13020	214	1.64
01-Sep-24	30	12600	388	3.08
01-Oct-24	31	13020	412	3.16
01-Nov-24	30	12600	439	3.48
01-Dec-24	31	13020	446	3.43
01-Jan-25	31	13020	484	3.72
01-Feb-25	28	11760	456	3.88
01-Mar-25	31	13020	681	5.23
01-Apr-25	30	12600	732	5.81
01-May-25	31	13020	978	7.51
01-Jun-25	30	12600	798	6.33
01-Jul-25	31	13020	853	6.55
01-Aug-25	31	13020	1045	8.03
01-Sep-25	30	12600	1207	9.58
01-Oct-25	31	13020	1454	11.17
01-Nov-25	30	12600	1739	13.80
01-Dec-25	31	13020	1595	12.24
01-Jan-26	31	13020	137	1.05

Visuals:

1. Occupancy %, ADR, and RevPAR over time



2. Visualized daily, weekly, and seasonal performance



3. Compare direct bookings vs. OTA bookings

