Data Analyst | Excel Project | Hotel Booking System

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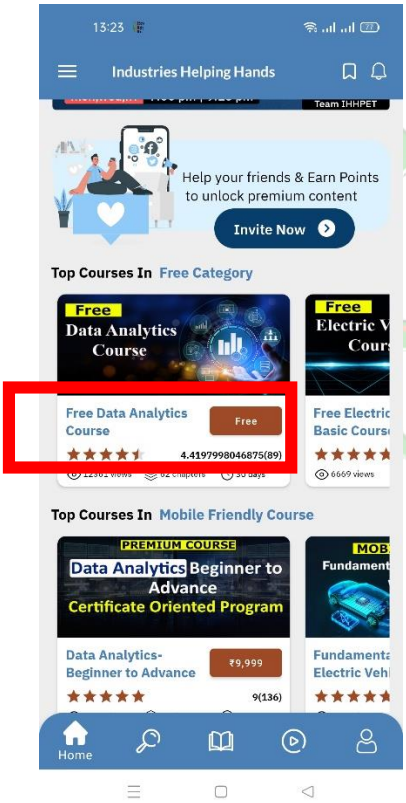
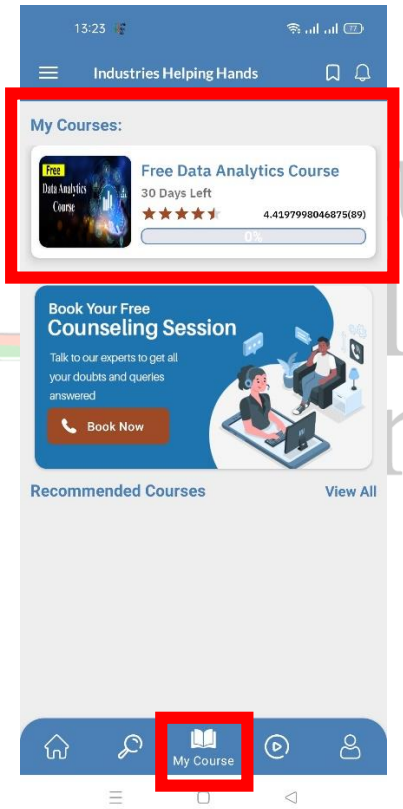
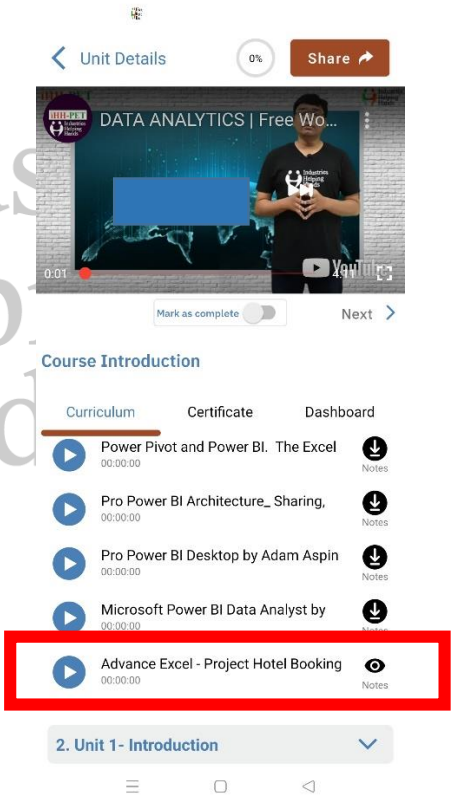
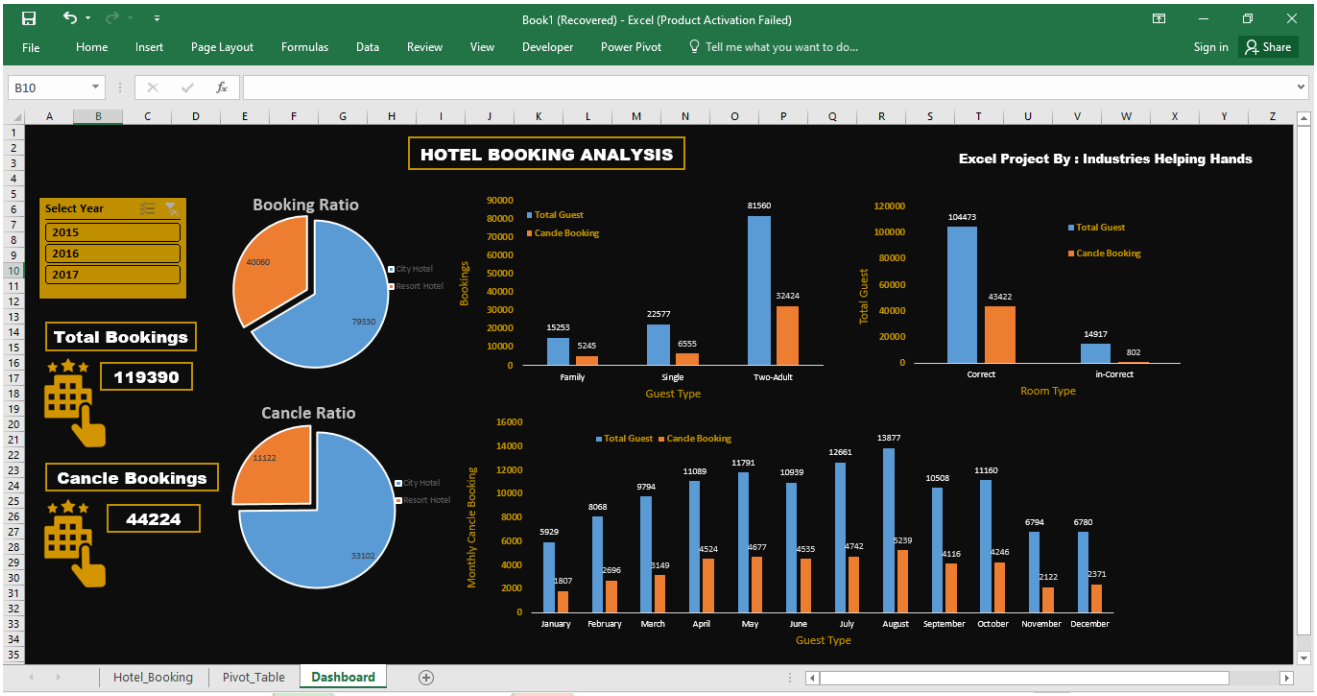
Step 3 : Open course playlist **"1. Study Material & DataSets"** → Data Set Name **"Advance Excel- Project Hotel Booking"**







Data Analysis Project: Hotel Booking Analysis Using Excel



First Step: Understanding the behaviour of data and cleaning the raw data. (ETL Process)
Second Step: Create pivots and extract the insights of the data information.
Third Step: Data visualization according to the required problem statement.

Required Formula:

1. For “room_status”

=IF([@[reserved_room_type]]=[@[assigned_room_type]],"Correct","in-Correct")

For “guest_type”

=IF(AND([@adults]=2,[@children]=0,[@babies]=0),"Two-Adults",IF(AND([@adults]=1,[@children]=0,[@babies]=0),"Single","Family"))

Book1 (Recovered) - Excel (Product Activation Failed)

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	hotel	is_cance	lead_ti	arrival_date	arrival_date_m	arrival_date_week_n	arrival_date_day_of	stays_in_weekend	stays_in_week_	adul	childr	babi	meal	couni	reserved_room	assigned_room	reservation_s	reservation
3742	Resort Hot	1	2	2016	January	1	1	0	1	2	0	0	BB	PRT	D	D	No-Show	0
3744	Resort Hot	1	20	2016	January	1	1	0	2	2	2	0	BB	PRT	G	G	Canceled	2
3745	Resort Hot	1	76	2016	January	1	1	1	2	2	0	0	BB	PRT	A	A	Canceled	2
3747	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3748	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3749	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3750	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3751	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3752	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3753	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3754	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3755	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3756	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3757	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3758	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3759	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3760	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3761	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3762	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3763	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3764	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3765	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3766	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3767	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3768	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3769	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3770	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3771	Resort Hot	1	113	2016	January	1	2	0	1	2	0	0	HB	PRT	A	A	Canceled	1
3773	Resort Hot	1	103	2016	January	2	3	2	3	2	0	0	BB	PRT	A	A	Canceled	1
3774	Resort Hot	1	22	2016	January	2	3	2	4	2	0	0	BB	PRT	E	E	Canceled	2
3775	Resort Hot	1	0	2016	January	2	4	1	1	2	0	0	BB	PRT	A	A	Canceled	0
3776	Resort Hot	1	3	2016	January	2	4	1	2	2	0	0	BB	PRT	E	E	Canceled	0
3777	Resort Hot	1	5	2016	January	2	4	1	3	2	0	0	HB	PRT	A	A	Canceled	3
3778	Resort Hot	1	5	2016	January	2	4	1	3	1	0	0	HB	PRT	A	A	Canceled	3
3779	Resort Hot	1	5	2016	January	2	4	1	3	2	0	0	HB	PRT	A	A	Canceled	3
3780	Resort Hot	1	5	2016	January	2	4	1	3	2	0	0	HB	PRT	A	A	Canceled	3
3781	Resort Hot	1	5	2016	January	2	4	1	3	2	0	0	HB	PRT	A	A	Canceled	3
3782	Resort Hot	1	20	2016	January	2	4	1	4	2	0	0	BB	PRT	E	E	Canceled	2
3783	Resort Hot	1	62	2016	January	2	4	1	4	2	0	0	BB	PRT	E	E	Canceled	1
3784	Resort Hot	1	189	2016	January	2	5	0	5	1	0	0	BB	PRT	A	A	Canceled	2
3785	Resort Hot	1	132	2016	January	2	5	0	3	2	0	0	BB	PRT	A	A	Canceled	1
3786	Resort Hot	1	13	2016	January	2	5	8	20	2	0	0	Undefined	PRT	A	A	Canceled	2
3790	Resort Hot	1	93	2016	January	2	6	2	6	2	0	0	BB	PRT	E	E	Canceled	1
3791	Resort Hot	1	93	2016	January	2	6	2	6	2	0	0	BB	PRT	G	G	Canceled	1
3792	Resort Hot	1	0	2016	January	2	7	0	1	2	0	0	BB	PRT	A	A	Canceled	0
3793	Resort Hot	1	143	2016	January	2	7	1	3	2	0	0	BB	PRT	A	A	Canceled	05

Hotel_Booking | Pivot_Table | Dashboard

Book1 (

G24

	A	B	C	D	E	F	G	H
1	Row Labels	Total Guest	Cancle Booking			Row Labels	Hotel Bookings	
2	Family	15253	5245			City Hotel	79330	
3	Single	22577	6555			Resort Hotel	40060	
4	Two-Adult	81560	32424			Grand Total	119390	
5	Grand Total	119390	44224					
6								
7								
8								
9	Row Labels	Total Guest	Cancle Booking			Row Labels	Sum of is_canceled	
10	Correct	104473	43422			City Hotel	33102	
11	in-Correct	14917	802			Resort Hotel	11122	
12	Grand Total	119390	44224			Grand Total	44224	
13								
14								
15								
16	Row Labels	Total Guest	Cancle Booking					
17	January	5929	1807					
18	February	8068	2696					
19	March	9794	3149					
20	April	11089	4524					
21	May	11791	4677					
22	June	10939	4535					
23	July	12661	4742					
24	August	13877	5239					
25	September	10508	4116					
26	October	11160	4246					
27	November	6794	2122					
28	December	6780	2371					
29	Grand Total	119390	44224					
30								
31								

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