Meta-Data Analysis

1. InterimSandbox_FinalData_IntegratedSheets_Group1

S No.	Variable Name	Data Type	Modelling Type	Desci	ription	Levels
1.	Booking ID	Numeric	Nominal	Unique Booking ID		684920 levels
2.	User ID	Numeric	Nominal	Unique Eatigo User ID		136177 Levels
3.	Restaurant ID	Numeric	Nominal	Unique Re	staurant ID	647 levels
4.	Made on Date (dd/mm/yyyy)	Numeric	Continuous	Booking M	ade on date	
5.	Made at Time (h:mm)	Numeric	Continuous	Booking Date	Made at Time	
6.	Made on Day	Character	Nominal	•	e on Day of the eek	7 levels
7.	Made in Month	Character	Nominal	Booking Made in Month of the year		12 levels
8.	Booking_lat	Numeric (Latitude DMM)	Continuous	Geographic latitude at which the unique user was located while making the booking		
9.	Booking_long	Numeric	Continuous	Geographic longitude at which the unique user was located while making the booking		
10.	Booking Date(dd/mm/yyyy)	Numeric	Continuous	Booking Ma	ade for Date	
11.	Booking Day	Character	Nominal	•	e for Day of the eek	7 levels
12.	Booking Day Grouped	Character	Nominal	Booking Day grouped into Weekday and Weekend Mon, Tue, Weekday Wed, Thu, Fri Sat, Sun Weekend		2 levels
13.	Booking Month	Character	Nominal	Booking Made for Month of the Year		12 levels
14.	Booking Year	Numeric	Nominal	Booking M	ade for Year	1 level
15.	Booked the Same Day?	Character	Nominal		ade on Date = ng date:	2 levels

				If Made date=Bookin		Yes	
				If Made on D	ate !=	No	
				Booking D	ate		
		Numeric	Continuous	Number of days		- D-t-	
				Booking Date an Example: If Book			
16.	Days in Advance of Booking			23/03/2017 and	-		
				26/03/2017 the	n Days in		
				Advance of Bool			
		Character	Nominal	Days in Advance	of Bookir	ng	
				Grouped as: Days in	Same Da)\/	
				Advance of	Sallie De	ту	
				Booking = 0			
	Days in Advance of Booking			Days in	Previous	Day	
17.	Grouped			Advance of			4 levels
	o.oupou			Booking = 1	5 51		
				1 <days advance="" in="" of<="" td=""><td>Pre-Plan</td><td>ned</td><td></td></days>	Pre-Plan	ned	
				Booking <=			
				31			
				>=32	Missing		
		Numeric	Continuous				
18.	Booking Discount			% Discount Ava	ailed on B	ooking	
		Character	Ordinal	Booking Discour	nt Groupe		
				10% & 15%	10-15		
19.	Booking Discount Grouped						5 levels
	3			20% & 25%	20-25		
				30% & 35%	30-35		
				40% & 45%	40-45		

				50	50		
		Character	Nominal	Status of the Booking			
				Attended	Booking was		
					Attend		
				Cancelled	Bookin	_	
20.	Booking Status				cancell		3 levels
				N. Ch.	advanc		_
				No-Show		User did	
					Bookin	n up for	
		Character	Nominal			_	
		Character	Nominal	Booking Status			_
21.	Booking Status Grouped			Attended		emed	2 levels
	gramma creation			Cancelled or	not		
				No-Show	rede	emed	」
		Character	Nominal	Eatigo Platforn		vhich the	!
				Booking was N			_
				Eatigo App fro	om	iOS	
				App Store			_
				Eatigo App fro	om	Android	
22.	Booking Source			Play Store Eatigo websit		Mobile	5 levels
				accessed via	.e	Web	
				mobile		VVCD	
				Eatigo websit	:e	Website	
				Others		Others	
		Numeric	Continuous		<u> </u>		
				Number of Din	ers the	hooking	
23.	Diners Ungrouped			was made for	iers trie i	DOOKING	
				was made for			
		Character	Nominal	Number of Din	orc Gra	inod ac.	
		Cilaracter	Nominal	If Diners		upeu as: t Numbe	
24.	Number of Diners			Ungrouped		Diners	11 levels
2-7.	ivaniser of billers			<=10	<u> </u>	ouped =	
					1, the	•	
1		_1	1	l L	,		

		Chamatan	Naminal			L	
25.	Promotion Code	Character	Nominal	Code was Used for t If Promotion Code used If promotion Code not used	he Boo was		2 levels
26.	Restaurant Status	Character	Nominal	Status of the Restau time of recording th If restaurant is active on Eatigo If restaurant is permanently removed from Eatigo If restaurant is temporarily removed or closed	e data Act Bar Per	the tive nned	3 levels
27.	Restaurant Cuisine	Character	Nominal	The cuisine that the specializes in	restaur	rant	17 levels
28.	Restaurant Minimum Price	Numeric	Continuous	The least Price Amo User will have to par restaurant			
29.	Restaurant maximum Price	Numeric	Continuous	The maximum price the User will have to restaurant			
30.	Average Price	Numeric	Continuous	The Mean Price for t Restaurant	that		

				(Restaurant Minimum Price + Resta	urant Maximum Price	
31.	Restaurant Tier	Character	Ordinal			
32.	Tier	Character	Ordinal	Restaurants Grouped According to Price Most Expensive Expensive Neither Expensive	Tier 5 Tier 4 Tier 3	5 levels
				Nor Cheap Cheap Very Cheap	Tier 2	
33.	Tier Grouped	Character	Ordinal	Tiers grouped furthe Tier 4 and Tier 5 Tier 3 Tier 1 and Tier 2	r: High Tier Mid Tier Low Tier	3 levels
34.	Restaurant Country	Character	Nominal	The country in which Restaurant is presen		1 level
35.	Restaurant Broad Area	Character	Nominal	The broadest level go categorization of res across Singapore	• .	4 levels
36.	Restaurant Latitude	Character (Latitude DMM)	Continuous	The geographic latitude at which the restaurant is located		
37.	Restaurant Longitude	Character (Longitud e DMM)	Continuous	The geographic longitude at which the restaurant is located		
38.	Restaurant First Booking Date	Numeric	Continuous	The date when the rowas booked for the f		

2. lnterimSandbox_FinalData_VendorData_Group1

1.	Variable Name	Data Type	Modelling Type	Description	Level
2.	Restaurant ID	Numeric	Nominal	Unique restaurant ID	647
3.	Number of Bookings	Numeric	Continuous	Number of Bookings made for that restaurant ID	
4.	Attended Bookings	Numeric	Continuous	Number of Bookings Attended for that restaurant ID	
5.	Cancelled Bookings	Numeric	Continuous	Number of Bookings Cancelled for that restaurant ID	
6.	No-Show Bookings	Numeric	Continuous	Number of No-Show Bookings for that restaurant ID	
7.	Proportion of Attended	Numeric	Continuous	Proportion of Bookings Attended for that restaurant ID Attended Bookings Number of Bookings 100	
8.	Proportion of Cancelled	Numeric	Continuous	Proportion of Bookings Cancelled for that restaurant ID (Cancelled Bookings) Number of Bookings	
9.	Proportion of no-Show	Numeric	Continuous	Proportion of No-Show bookings for that restaurant ID No-Show Bookings Number of Bookings	
10.	Unique Users	Numeric	Continuous	Number of Unique users who booked that restaurant	

11.	Repeat users	Numeric	Continuous	Number of bookings made by repeat users for that restaurant Number of Bookings - Unique Users	
12.	Proportion of Repeat Users	Numeric	Continuous	The proportion of repeat bookings of total bookings Repeat users Number of Bookings	
13.	Ration of Repeat to new Users	Numeric	Continuous	For every new user that comes, how many repeat bookings are made for that restaurant Repeat users Unique Users 100	
14.	10-15 Discount group	Numeric	Continuous	Number of users who booked with a discount in the 10-15% range	
15.	20-25 Discount Group	Numeric	Continuous	Number of users who booked with a discount in the 20-25% range	
16.	30-35 Discount Group	Numeric	Continuous	Number of users who booked with a discount in the 30-35 % range	
17.	40-45 Discount Group	Numeric	Continuous	Number of users who booked with a discount in the 40-45% range	
18.	50 discount Group	Numeric	Continuous	Number of users who booked with a 50% discount	
19.	Promotion Code Bookings	Numeric	Continuous	Number of promotion Code bookings	
20.	Without promotion Code Bookings	Numeric	Continuous	Number of Without promotion code bookings	

21.	Proportion of Promotion code Bookings	Numeric	Continuous	Proportion of promotion Code Bookings Promotion Code Bookings Number of Bookings	
22.	Promotion Driven	Character	Nominal	Whether bookings for a restaurant are promotion driven or not Fromotion Code Bookings - Without promotion Code Bookings > 0 > "Yes"	2
23.	Restaurant Minimum Price	Numeric	Continuous	The minimum price for that restaurant	
24.	Restaurant maximum price	Numeric	Continuous	The maximum Price for that restaurant	
25.	Average price	Numeric	Continuous	The Average Price for that restaurant (Restaurant Minimum Price + Restaurant Maximum Price)	
26.	Tier	Character	Nominal	The Tier category the restaurant falls under: Most Expensive Tier 5 Expensive Tier 4 Neither Expensive Tier 3 Nor Cheap Cheap Tier 2 Very Cheap Tier 1	5
27.	Restaurant Cuisine	Character	Nominal	The Cuisine offered by that restaurant	17
28.	Restaurant Status	Character	Nominal	The current status of the restaurant: If restaurant is Active active on Eatigo If restaurant is Banned permanently	3

				removed from Eatigo If restaurant is temporarily removed or closed	Pending	
29.	Restaurant Broad Area	Character	Nominal	The Broad Area that re falls under	staurant	4

3. InterimSandbox_FinalData_UserSheet_Group1

S.No	Variable Name	Data Type	Modelling Type	Description	Level
1.	User ID	Numeric	Nominal	Unique User ID	136177
2.	Number of Bookings	Numeric	Continuous	Number of Bookings per User	
3.	Number of Bookings Attended	Numeric	Continuous	Number of Bookings attended per user	
4.	Number of Bookings Cancelled	Numeric	Continuous	Number of Bookings cancelled per user	
5.	Number of Bookings No-Show	Numeric	Continuous	Number of Bookings No-Show per user	
6.	Average number of Diners	Numeric	Continuous	Average group size the user books for	
7.	Average Number of days in Advance	Numeric	Continuous	Average Number of Days in Advance the user makes a booking	
8.	Average minimum price	Numeric	Continuous	Average minimum price of the restaurant attended by the user across all their bookings	

9.	Average maximum price	Numeric	Continuous	Average maximum price of the restaurant attended by the user across all their bookings
10.	Last booking date	Numeric	Continuous	Latest date at which the user made a booking
11.	Number of Banned	Numeric	Continuous	Number of bookings made at banned restaurants
12.	Number of Active	Numeric	Continuous	Number of bookings made at the active restaurants
13.	Number of Pending	Numeric	Continuous	Number of bookings made at the pending restaurants
14.	Number of promotion Code Bookings	Numeric	Continuous	Number of bookings made using a promotion code
15.	Jan Bookings	Numeric	Continuous	Number of bookings made in the month of Jan
16.	Feb Bookings	Numeric	Continuous	Number of bookings made in the month of Feb
17.	Mar Bookings	Numeric	Continuous	Number of bookings made in the month of Mar
18.	Apr Bookings	Numeric	Continuous	Number of bookings made in the month of Apr
19.	May Bookings	Numeric	Continuous	Number of bookings made in the month of May
20.	Jun Bookings	Numeric	Continuous	Number of bookings made in the month of Jun
21.	Jul Bookings	Numeric	Continuous	Number of bookings made in the month of Jul
22.	Aug Bookings	Numeric	Continuous	Number of bookings made in the month of Aug
23.	Sep Bookings	Numeric	Continuous	Number of bookings made in the month of Sep
24.	Oct Bookings	Numeric	Continuous	Number of bookings made in the month of Oct

25.	Nov Bookings	Numeric	Continuous	Number of bookings made in the month of Nov	
26.	Dec Bookings	Numeric	Continuous	Number of bookings made in the month of Dec	
27.	Monday bookings	Numeric	Continuous	Number of bookings made on Monday by the user	
28.	Tuesday bookings	Numeric	Continuous	Number of bookings made on Tuesday by the user	
29.	Wednesday bookings	Numeric	Continuous	Number of bookings made on Wednesday by the user	
30.	Thursday bookings	Numeric	Continuous	Number of bookings made on Thursday by the user	
31.	Friday bookings	Numeric	Continuous	Number of bookings made on Friday by the user	
32.	Saturday bookings	Numeric	Continuous	Number of bookings made on Saturday by the user	
33.	Sunday bookings	Numeric	Continuous	Number of bookings made on Sunday by the user	
34.	Unique restaurant	Numeric	Continuous	Number of Unique Restaurants tried by the user	
35.	Unique cuisine	Numeric	Continuous	Number of unique restaurants tried by the user	