Variable	Type	Description	Source/Engineering
adr	Numeric	Average Daily Rate	BO, BL and TR / Calculated by dividing the sum of all lodging transactions by the total number of staying nights
adults	Integer	Number of adults	BO and BL
agent	Categorical	ID of the travel agency that made the booking	BO and BL
arrival_date_day_of_month	Integer	Day of the month of the arrival date	BO and BL
arrival_date_month	Categorical	Month of arrival date with 12 categories: "January" to "December"	BO and BL
arrival_date_week_number	Integer	Week number of the arrival date	BO and BL
babies	Integer	Number of babies	BO and BL
children	Integer	Number of children	BO and BL/Sum of both payable and non-payable children
company	Categorical	ID of the company/entity that made the booking or responsible for paying the booking. ID is presented instead of designation for anonymity reasons	BO and BL.
customer_type	Categorical	Type of booking, assuming one of four categories: Contract - when the booking has an allotment or other type of contract associated to it;	BO and BL

		Group – when the booking is associated to a group;

Transient – when the booking is not part of a group or contract, and is not associated to other transient booking;

Transient-party – when the booking is transient, but is associated to at least other transient booking | |
| *deposit_type* | Categorical | Indication on if the customer made a deposit to guarantee the booking. This variable can assume three categories:

No Deposit – no deposit was made;

Non Refund – a deposit was made in the value of the total stay cost;

Refundable – a deposit was made with a value under the total cost of stay. | BO and TR/Value calculated based on the payments identified for the booking in the transaction (TR) table before the booking's arrival or cancellation date.

In case no payments were found the value is "No Deposit".

If the payment was equal or exceeded the total cost of stay, the value is set as "Non Refund".

Otherwise the value is set as "Refundable" |
| *distribution_channel* | Categorical | Booking distribution channel. The term "TA" means "Travel Agents" and "TO" means "Tour Operators" | BO, BL and DC |
| *is_repeated_guest* | Categorical | Value indicating if the booking name was from a repeated guest (1) or not (0) | BO, BL and C/ Variable created by verifying if a profile was associated with the booking customer. If so, and if the customer profile creation date was |

			prior to the creation date for the booking on the PMS database it was assumed the booking was from a repeated guest
lead_time	Integer	Number of days that elapsed between the entering date of the booking into the PMS and the arrival date	BO and BL/ Subtraction of the entering date from the arrival date
market_segment	Categorical	Market segment designation. In categories, the term "TA" means "Travel Agents" and "TO" means "Tour Operators"	BO, BL and MS
meal	Categorical	Type of meal booked. Categories are presented in standard hospitality meal packages: Undefined/SC – no meal package; BB – Bed & Breakfast; HB – Half board (breakfast and one other meal – usually dinner); FB – Full board (breakfast, lunch and dinner)	BO, BL and ML
previous_bookings_not_canceled	Integer	Number of previous bookings not cancelled by the customer prior to the current booking	BO and BL / In case there was no customer profile associated with the booking, the value is set to 0. Otherwise, the value is the number of bookings with the same customer profile created before the current booking and not canceled.
previous_cancellations	Integer	Number of previous bookings that were cancelled by the	BO and BL/ In case there was no customer profile associated with the booking, the value is set to

		customer prior to the current booking	0. Otherwise, the value is the number of bookings with the same customer profile created before the current booking and canceled.
required_car_parking_spaces	Integer	Number of car parking spaces required by the customer	BO and BL
reservation_status_date	Date	Date at which the last status was set. This variable can be used in conjunction with the *ReservationStatus* to understand when was the booking canceled or when did the customer checked-out of the hotel	BO
reserved_room_type	Categorical	Code of room type reserved. Code is presented instead of designation for anonymity reasons	BO and BL
stays_in_weekend_nights	Integer	Number of weekend nights (Saturday or Sunday) the guest stayed or booked to stay at the hotel	BO and BL/ Calculated by counting the number of weekend nights from the total number of nights
stays_in_week_nights	Integer	Number of week nights (Monday to Friday) the guest stayed or booked to stay at the hotel	BO and BL/Calculated by counting the number of week nights from the total number of nights
total_of_special_requests	Integer	Number of special requests made by the customer (e.g. twin bed or high floor)	BO and BL/Sum of all special requests
hotel	Categorical	A type of hotel	Resort Hotel / City Hotel
name	Categorical	ID that uses to identify customer	

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