Dataset Feature Description

The following acoustic properties of each voice are measured and included in the dataset:

Column Name	Description
Index	Index Column
Hotel	Hotel (H1 = Resort Hotel or H2 = City Hotel)
Lead time	Number of days that elapsed between the entering date of the booking into the PMS and the arrival date
Arrival date year	Year of Arrival
Arrival date month	Month of arrival date
Arrival date week number	Week number of year for arrival date
Arrival date day of month	Day of arrival date
Stays in weekend nights	Number of weekend nights (Saturday or Sunday) the guest stayed or booked to stay at the hotel
Stays in week nights	Number of week nights (Monday to Friday) the guest stayed or booked to stay at the hotel
Adults	Number of adults
Children	Number of children
Babies	Number of babies
Meal	Type of meal booked
Country	Country of origin
Market segment	Market segment designation. In categories, the term "TA" means "Travel Agents" and "TO" means "Tour Operators"
Distribution _channel	Booking distribution channel.
Is repeated guest	Value indicating if the booking name was from a repeated guest (1) or not (0)
Previous cancellations	Number of previous bookings that were cancelled by the customer prior to the current booking
Previous bookings not cancelled	Number of previous bookings not cancelled by the customer prior to the current booking
Reserved room type	Code of room type reserved. Code is presented instead of designation for anonymity reasons.
Assigned room type	Code for the type of room assigned to the booking. Sometimes the assigned room type differs from the reserved room type.
Booking changes	Number of changes/amendments made to the booking from the moment the booking was entered on the PMS
Deposit type	Indication on if the customer made a deposit to guarantee the booking.
Agent	ID of the travel agency that made the booking.
Days in waiting list	Number of days the booking was in the waiting list before it was confirmed to the customer
Customer type	Type of booking, assuming one of four categories
Ard	Average Daily Rate as defined by dividing the sum of all lodging transactions by the total number of staying nights
Required car parking spaces	Number of car parking spaces required by the customer
Total of special requests	Number of special requests made by the customer
Reservation status	Reservation last status, assuming one of three categories: Cancelled – booking was cancelled by the customer; Check-Out – customer has checked in but already departed; No-Show – customer did not check-in and did inform the hotel of the reason why.
Reservation status date	Date at which the last status was set.
Is cancelled	Value indicating if the booking was cancelled (1) or not (0)