Hotel Booking Codebook

From: <https://www.kaggle.com/datasets/jessemostipak/hotel-booking-demand>

* hotel: Hotel Name - Resort Hotel or City Hotel
* is\_canceled: Whether hotel guest cancelled (1) or didn't cancel (0)
* lead\_time: Number of days hotel guest booked reservation in advance
* arrival\_date\_year: Year of arrival
* arrival\_date\_month: Month of arrival
* arrival\_date\_week: Week of arrival (out of 52 weeks in a year)
* arrival\_date\_day\_of\_month: Number of day in a Month
* stays\_in\_weekend\_nights: How many weekend nights (Saturday and Sunday) hotel guest stayed over
* stays\_in\_week\_nights: How many week nights (Monday to Friday)
* adults: Number of adults checking in
* children: Number of children checking in
* babies: Number of babies checking in
* meal: Type of meal package ordered (Undefined/SC - no meal package, BB - Bed and Breakfast, HB - Half board (two meals a day), FB - Full board (three meals a day))
* country: Which country guest comes from (format: ISO 3155-3:2013), e.g. PRT = Portugal
* market\_segment: How people ordered their hotel booking (Online TA (Travel Agent), Offline TA/TO (Tour Operator), Direct, Corporate, Complementary, Groups, Undefined, Aviation)
* distribution\_channel: How booking was reserved (Direct, Corporate, TA/TO, Undefined, GDS)
* is\_repeated\_guest: Not the first time the hotel guest made another hotel booking (1) or first time hotel guest (0)
* previous\_cancellations: Number of previous cancellations by guest before current hotel booking
* previous\_booking\_not\_canceled: Number of previous hotel bookings by guest NOT CANCELLED before current hotel booking
* reserved\_room\_type: Type of room reserved (C, A, D, E, G, F, H, L, P, B)
* assigned\_room\_type: Type of room assigned (may differ due to overbooking or room upgrades) (C, A, D, E, G, F, H, L, P, B, I, K)
* booking\_changes: Number of hotel booking changes when room(s) were booked until checkout
* deposit\_type: If hotel guest left deposit ("No Deposit" - none made, "Refundable" - deposit made was worth less of hotel stay, "Non Refund" - deposit made was made of entire hotel stay cost)
* agent: Identification of travel agency that reserved hotel booking for guest
* company: Identification of company that made booking
* days\_in\_waiting\_list: Number of days on waitlist before getting accepted to a hotel booking reservation
* customer\_type: Type of booking made (Transient - short and urgent booking for individual, Contract - signed contract for long stay booking, Transient-Party - short and urgent booking for a group, Group - booking for a group)
* adr: Average Daily Rate (total cost of booking divided by number of days)
* required\_car\_parking\_spaces: Number of car parking spaces reserved by hotel guest
* total\_of\_special\_request: Number of total special requests made by hotel guest
* reservation\_status: Final reservation status (Check-Out - Hotel guest checked in and left at end of reservation booking, Canceled - hotel booking cancelled, No-Show - never showed up)
* reservation\_status\_date: Date of final reservation status