

Expert advice from experts

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Nobel Prize, PhD

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Nobel Prize, PhD

Report for Acme Corporation

16 October 2020

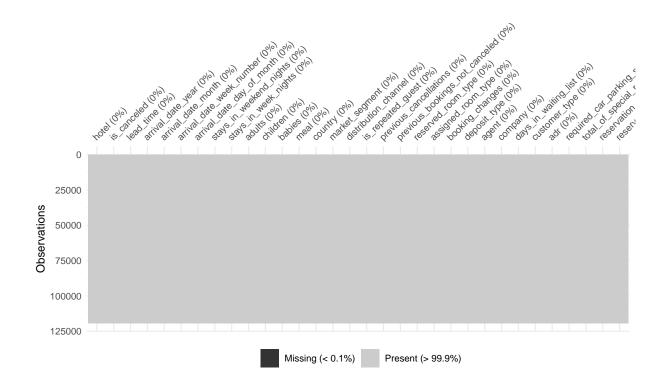
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```
Miss_tidy <- vis_miss(hotels, warn_large_data =FALSE) # Check mssing value
Miss_tidy</pre>
```



hotel <- na.omit(hotels)</pre>

```
hotel <- hotel %>% mutate(
    arr_date_month = case_when( # change Month to the numeric
    arrival_date_month=="January" ~ 01,
    arrival_date_month=="February" ~ 02,
    arrival_date_month=="March" ~ 03,
    arrival_date_month=="April" ~ 04,
    arrival_date_month=="May" ~ 05,
    arrival_date_month=="June" ~ 06,
    arrival_date_month=="July" ~ 07,
    arrival_date_month=="August" ~ 08,
    arrival_date_month=="September" ~ 09,
    arrival_date_month=="October" ~ 10,
    arrival_date_month=="November" ~ 11,
    arrival_date_month=="December" ~ 12),
```

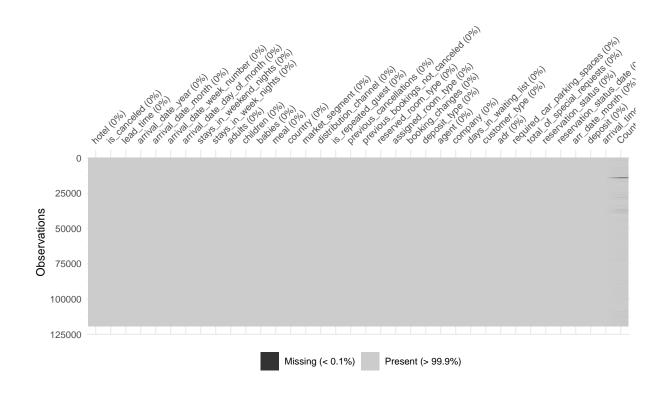
```
Miss <- sapply(hotels, function(x) sum(is.na(x))) # Check mssing value
Miss
```

##	hotel	$is_canceled$	
##	0	0	
##	lead_time	arrival_date_year	
##	0	0	
##	arrival_date_month	arrival_date_week_number	
##	0	0	
##	arrival_date_day_of_month	stays_in_weekend_nights	
##	Θ	0	
##	stays_in_week_nights	adults	
##	Θ	0	
##	children	babies	
##	4	0	
##	meal	country	
##	Θ	0	
##	${\sf market_segment}$	${\sf distribution_channel}$	
##	0	0	
##	is_repeated_guest	<pre>previous_cancellations</pre>	

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0	0	##
reserved_room_type	<pre>previous_bookings_not_canceled</pre>	##
0	0	##
booking_changes	assigned_room_type	##
0	0	##
agent	$deposit_{-}type$	##
0	0	##
days_in_waiting_list	company	##
0	0	##
adr	${\sf customer_type}$	##
0	0	##
total_of_special_requests	required_car_parking_spaces	##
0	0	##
reservation_status_date	reservation_status	##
Θ	0	##

vis_tidy <- vis_miss(sec_mute, warn_large_data =FALSE)
vis_tidy</pre>



```
final <- na.omit(sec_mute) # Delete the missing country observations</pre>
```

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