

no_of_adults

4

0%

0%

0%

NaN%

NaN%

NaN%

3

5.32%

0%

0%

NaN%

NaN%

NaN%

2

72.3%

100%

50%

NaN%

NaN%

NaN%

1

22.3%

0%

0%

NaN%

NaN%

NaN%

0

0%

0%

50%

NaN%

NaN%

NaN%

0

1

2

3

9

10

cond on: no_of_children

no_of_adults

4

0%

0%

0%

NaN%

NaN%

NaN%

NaN%

NaN%

3

2%

8%

8%

NaN%

NaN%

NaN%

NaN%

NaN%

2

74%

68%

76%

NaN%

NaN%

NaN%

NaN%

NaN%

1

24%

24%

12%

NaN%

NaN%

NaN%

NaN%

NaN%

0

0%

0%

4%

NaN%

NaN%

NaN%

NaN%

NaN%

0

1

2

3

4

5

6

7

cond on: no_of_weekend_nights

no_of_adults

4

0%

0%

NaN%

0%

3

6.25%

0%

NaN%

0%

2

70%

88.9%

NaN%

81.8%

1

22.5%

11.1%

NaN%

18.2%

0

1.25%

0%

NaN%

0%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

cond on: type_of_meal_plan

no_of_adults

4

0%

0%

3

4.08%

50%

2

74.5%

0%

1

20.4%

50%

0

1.02%

0%

N

Y

cond on: required_car_parking_space

no_of_adults

4

0%

0%

NaN%

0%

NaN%

0%

NaN%

3

0%

0%

NaN%

31.2%

NaN%

0%

NaN%

2

75%

66.7%

NaN%

62.5%

NaN%

100%

NaN%

1

25%

0%

NaN%

6.25%

NaN%

0%

NaN%

0

0%

33.3%

NaN%

0%

NaN%

0%

NaN%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

cond on: room_type_reserved

no_of_adults

4

NaN%

0%

0%

0%

0%

3

NaN%

0%

0%

0%

8.2%

2

NaN%

0%

37.5%

70%

80.3%

1

NaN%

100%

62.5%

30%

9.84%

0

NaN%

0%

0%

0%

1.64%

Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

no_of_adults

4

0%

0%

3

5.1%

0%

2

74.5%

0%

1

19.4%

100%

0

1.02%

0%

N

Y

cond on: repeated_guest

no_of_adults

4

0%

0%

0%

0%

NaN%

NaN%

3

0%

8.82%

11.1%

33.3%

NaN%

NaN%

2

70.4%

73.5%

88.9%

66.7%

NaN%

NaN%

1

29.6%

14.7%

0%

0%

NaN%

NaN%

0

0%

2.94%

0%

0%

NaN%

NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

no_of_adults

4

0%

0%

3

3.57%

5.56%

2

82.1%

69.4%

1

14.3%

23.6%

0

0%

1.39%

Canceled

Not_Canceled

cond on: booking_status

no_of_children

10

0%

0%

0%

NaN%

NaN%

NaN%

NaN%

NaN%

9

0%

0%

0%

NaN%

NaN%

NaN%

NaN%

NaN%

3

0%

0%

0%

NaN%

NaN%

NaN%

NaN%

NaN%

2

0%

0%

8%

NaN%

NaN%

NaN%

NaN%

NaN%

1

2%

4%

8%

NaN%

NaN%

NaN%

NaN%

NaN%

0

98%

96%

84%

NaN%

NaN%

NaN%

NaN%

NaN%

0

1

2

3

4

5

6

7

cond on: no_of_weekend_nights

no_of_children

10

0%

0%

NaN%

0%

9

0%

0%

NaN%

0%

3

0%

0%

NaN%

0%

2

2.5%

0%

NaN%

0%

1

5%

0%

NaN%

0%

0

92.5%

100%

NaN%

100%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

cond on: type_of_meal_plan

no_of_children

10

0%

0%

9

0%

0%

3

0%

0%

2

2.04%

0%

1

4.08%

0%

0

93.9%

100%

N

Y

cond on: required_car_parking_space

no_of_children

10

0%

0%

NaN%

0%

NaN%

0%

NaN%

9

0%

0%

NaN%

0%

NaN%

0%

NaN%

3

0%

0%

NaN%

0%

NaN%

0%

NaN%

2

0%

33.3%

NaN%

0%

NaN%

100%

NaN%

1

3.75%

0%

NaN%

6.25%

NaN%

0%

NaN%

0

96.2%

66.7%

NaN%

93.8%

NaN%

0%

NaN%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

cond on: room_type_reserved

no_of_children

10

NaN%

0%

0%

0%

0%

9

NaN%

0%

0%

0%

0%

3

NaN%

0%

0%

0%

0%

2

NaN%

0%

0%

0%

3.28%

1

NaN%

0%

0%

3.33%

4.92%

0

NaN%

100%

100%

96.7%

91.8%

Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

no_of_children

10

0%

0%

9

0%

0%

3

0%

0%

2

2.04%

0%

1

4.08%

0%

0

93.9%

100%

N

Y

cond on: repeated_guest

no_of_children

10

0%

0%

0%

0%

NaN%

NaN%

9

0%

0%

0%

0%

NaN%

NaN%

3

0%

0%

0%

0%

NaN%

NaN%

2

0%

2.94%

0%

33.3%

NaN%

NaN%

1

1.85%

5.88%

11.1%

0%

NaN%

NaN%

0

98.1%

91.2%

88.9%

66.7%

NaN%

NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

no_of_children

10

0%

0%

9

0%

0%

3

0%

0%

2

0%

2.78%

1

3.57%

4.17%

0

96.4%

93.1%

Canceled

Not_Canceled

cond on: booking_status

no_of_weekend_nights

7	0%	0%	NaN%	0%
6	0%	0%	NaN%	0%
5	0%	0%	NaN%	0%
4	0%	0%	NaN%	0%
3	0%	0%	NaN%	0%
2	30%	0%	NaN%	9.09%
1	23.8%	11.1%	NaN%	45.5%
0	46.2%	88.9%	NaN%	45.5%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

cond on: type_of_meal_plan

no_of_weekend_nights

7

0%

0%

6

0%

0%

5

0%

0%

4

0%

0%

3

0%

0%

2

25.5%

0%

1

24.5%

50%

0

50%

50%

N

Y

cond on: required_car_parking_space

no_of_weekend_nights

7	0%	0%	NaN%	0%	NaN%	0%	NaN%
6	0%	0%	NaN%	0%	NaN%	0%	NaN%
5	0%	0%	NaN%	0%	NaN%	0%	NaN%
4	0%	0%	NaN%	0%	NaN%	0%	NaN%
3	0%	0%	NaN%	0%	NaN%	0%	NaN%
2	22.5%	66.7%	NaN%	25%	NaN%	100%	NaN%
1	25%	33.3%	NaN%	25%	NaN%	0%	NaN%
0	52.5%	0%	NaN%	50%	NaN%	0%	NaN%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

cond on: room_type_reserved

no_of_weekend_nights

7	NaN%	0%	0%	0%	0%
6	NaN%	0%	0%	0%	0%
5	NaN%	0%	0%	0%	0%
4	NaN%	0%	0%	0%	0%
3	NaN%	0%	0%	0%	0%
2	NaN%	0%	0%	20%	31.1%
1	NaN%	0%	25%	23.3%	26.2%
0	NaN%	100%	75%	56.7%	42.6%

Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

no_of_weekend_nights

7

0%

0%

6

0%

0%

5

0%

0%

4

0%

0%

3

0%

0%

2

25.5%

0%

1

25.5%

0%

0

49%

100%

N

Y

cond on: repeated_guest

no_of_weekend_nights

7	0%	0%	0%	0%	NaN%	NaN%
6	0%	0%	0%	0%	NaN%	NaN%
5	0%	0%	0%	0%	NaN%	NaN%
4	0%	0%	0%	0%	NaN%	NaN%
3	0%	0%	0%	0%	NaN%	NaN%
2	22.2%	29.4%	11.1%	66.7%	NaN%	NaN%
1	27.8%	17.6%	33.3%	33.3%	NaN%	NaN%
0	50%	52.9%	55.6%	0%	NaN%	NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

no_of_weekend_nights

7

0%

0%

6

0%

0%

5

0%

0%

4

0%

0%

3

0%

0%

2

32.1%

22.2%

1

28.6%

23.6%

0

39.3%

54.2%

Canceled

Not_Canceled

cond on: booking_status

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

11.2%

0%

0%

0%

8.16%

50%

80.6%

50%

N

Y

cond on: required_car_parking_space

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

13.8%	0%	NaN%	0%	NaN%	0%	NaN%
0%	0%	NaN%	0%	NaN%	0%	NaN%
10%	33.3%	NaN%	0%	NaN%	0%	NaN%
76.2%	66.7%	NaN%	100%	NaN%	100%	NaN%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

cond on: room_type_reserved

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

NaN%	0%	0%	0%	18%
NaN%	0%	0%	0%	0%
NaN%	100%	0%	26.7%	0%
NaN%	0%	100%	73.3%	82%

Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

11.2%

0%

0%

0%

8.16%

50%

80.6%

50%

N

Y

cond on: repeated_guest

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

7.41%	11.8%	33.3%	0%	NaN%	NaN%
0%	0%	0%	0%	NaN%	NaN%
13%	5.88%	0%	0%	NaN%	NaN%
79.6%	82.4%	66.7%	100%	NaN%	NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

Not Selected

type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

Canceled

Not_Canceled

cond on: booking_status

3.57%	13.9%
0%	0%
10.7%	8.33%
85.7%	77.8%

required_car_parking_space

Y

N



Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

cond on: room_type_reserved

required_car_parking_space

Y

N



Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

required_car_parking_space

Y

N

1.02%

50%

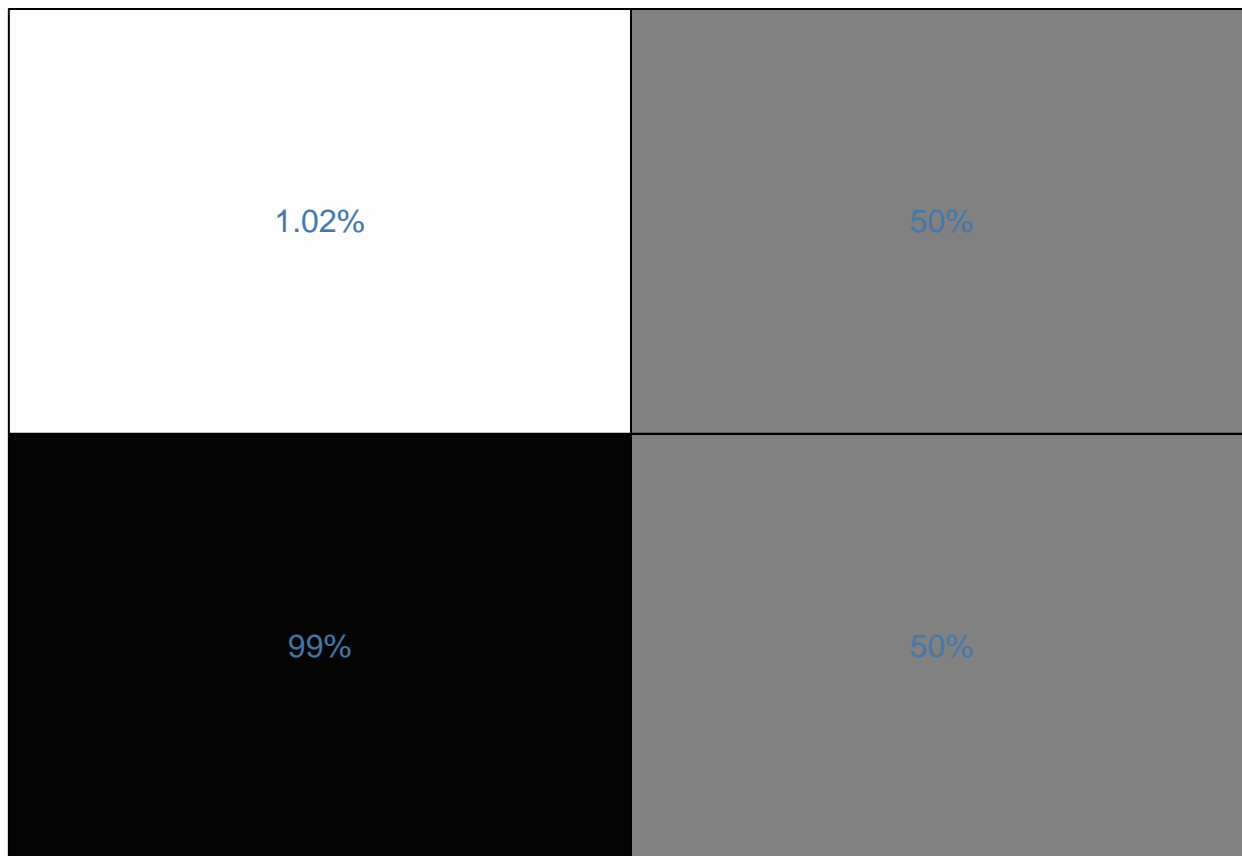
99%

50%

N

Y

cond on: repeated_guest



required_car_parking_space

Y

N



0

1

2

3

4

5

cond on: no_of_special_requests

required_car_parking_space

Y

N

0%

2.78%

100%

97.2%

Canceled

Not_Canceled

cond on: booking_status

room_Type 7

room_Type 6

room_Type 5

room_Type 4

room_Type 3

room_Type 2

room_Type 1

room_type_reserved

NaN%	0%	0%	0%	0%
NaN%	0%	0%	0%	1.64%
NaN%	0%	0%	0%	0%
NaN%	0%	0%	10%	21.3%
NaN%	0%	0%	0%	0%
NaN%	0%	0%	3.33%	3.28%
NaN%	100%	100%	86.7%	73.8%

Aviation

Complementary

Corporate

Offline

Online

cond on: market_segment_type

room_Type 7

room_Type 6

room_Type 5

room_Type 4

room_Type 3

room_Type 2

room_Type 1

room_type_reserved

0%	0%
1.02%	0%
0%	0%
16.3%	0%
0%	0%
3.06%	0%
79.6%	100%

N

Y

cond on: repeated_guest

oom_Type 7

oom_Type 6

oom_Type 5

oom_Type 4

oom_Type 3

oom_Type 2

oom_Type 1

room_type_reserved

0%	0%	0%	0%	NaN%	NaN%
0%	0%	0%	33.3%	NaN%	NaN%
0%	0%	0%	0%	NaN%	NaN%
11.1%	20.6%	22.2%	33.3%	NaN%	NaN%
0%	0%	0%	0%	NaN%	NaN%
3.7%	2.94%	0%	0%	NaN%	NaN%
85.2%	76.5%	77.8%	33.3%	NaN%	NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

oom_Type 7

oom_Type 6

oom_Type 5

oom_Type 4

oom_Type 3

oom_Type 2

oom_Type 1

room_type_reserved

0%	0%
0%	1.39%
0%	0%
14.3%	16.7%
0%	0%
3.57%	2.78%
82.1%	79.2%

Canceled

Not_Canceled

cond on: booking_status

market_segment_type

Online

62.2%

0%

Offline

30.6%

0%

Corporate

7.14%

50%

Complementary

0%

50%

Aviation

0%

0%

N

Y

cond on: repeated_guest

market_segment_type	0	1	2	3	4	5
Online	40.7%	79.4%	100%	100%	NaN%	NaN%
Offline	46.3%	14.7%	0%	0%	NaN%	NaN%
Corporate	11.1%	5.88%	0%	0%	NaN%	NaN%
Complementary	1.85%	0%	0%	0%	NaN%	NaN%
Aviation	0%	0%	0%	0%	NaN%	NaN%

market_segment_type

Online

67.9%

58.3%

Offline

32.1%

29.2%

Corporate

0%

11.1%

Elementary

0%

1.39%

Aviation

0%

0%

Canceled

Not_Canceled

cond on: booking_status

repeated_guest

Y

1.85%

2.94%

0%

0%

NaN%

NaN%

N

98.1%

97.1%

100%

100%

NaN%

NaN%

0

1

2

3

4

5

cond on: no_of_special_requests

repeated_guest

Y

0%

2.78%

N

100%

97.2%

Canceled

Not_Canceled

cond on: booking_status

no_of_special_requests

5

0%

0%

4

0%

0%

3

0%

4.17%

2

3.57%

11.1%

1

17.9%

40.3%

0

78.6%

44.4%

Canceled

Not_Canceled

cond on: booking_status