

cond on: no_of_adults

4

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

3

100%

0%

0%

0%

0%

0%

2

93.2%

5.48%

1.37%

0%

0%

0%

1

100%

0%

0%

0%

0%

0%

0

0%

0%

100%

0%

0%

0%

0

1

2

3

9

10

no_of_children

4	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
3	20%	40%	40%	0%	0%	0%	0%	0%
2	50.7%	23.3%	26%	0%	0%	0%	0%	0%
1	57.1%	28.6%	14.3%	0%	0%	0%	0%	0%
0	0%	0%	100%	0%	0%	0%	0%	0%
	0	1	2	3	4	5	6	7

cond on: no_of_adults

4

NaN%

NaN%

NaN%

NaN%

3

100%

0%

0%

0%

2

76.7%

11%

0%

12.3%

1

85.7%

4.76%

0%

9.52%

0

100%

0%

0%

0%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

type_of_meal_plan

cond on: no_of_adults

4

NaN%

NaN%

3

80%

20%

2

100%

0%

1

95.2%

4.76%

0

100%

0%

N

Y

required_car_parking_space

cond on: no_of_adults

4	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
3	0%	0%	0%	100%	0%	0%	0%
2	82.2%	2.74%	0%	13.7%	0%	1.37%	0%
1	95.2%	0%	0%	4.76%	0%	0%	0%
0	0%	100%	0%	0%	0%	0%	0%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

room_type_reserved

cond on: no_of_adults

4

NaN%

NaN%

NaN%

NaN%

NaN%

3

0%

0%

0%

0%

100%

2

0%

0%

4.11%

28.8%

67.1%

1

0%

4.76%

23.8%

42.9%

28.6%

0

0%

0%

0%

0%

100%

Aviation

Complementary

Corporate

Offline

Online

market_segment_type

cond on: no_of_adults

4

NaN%

NaN%

3

100%

0%

2

100%

0%

1

90.5%

9.52%

0

100%

0%

N

Y

repeated_guest

cond on: no_of_adults

4	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
3	0%	60%	20%	20%	0%	0%
2	52.1%	34.2%	11%	2.74%	0%	0%
1	76.2%	23.8%	0%	0%	0%	0%
0	0%	100%	0%	0%	0%	0%

0

1

2

3

4

5

no_of_special_requests

cond on: no_of_adults

4

NaN%

NaN%

3

20%

80%

2

31.5%

68.5%

1

19%

81%

0

0%

100%

Canceled

Not_Canceled

booking_status

cond on: no_of_children

10

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

9

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

3

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

2

0%

0%

100%

0%

0%

0%

0%

0%

1

25%

25%

50%

0%

0%

0%

0%

0%

0

52.1%

25.5%

22.3%

0%

0%

0%

0%

0%

0

1

2

3

4

5

6

7

no_of_weekend_nights

cond on: no_of_children

10

NaN%

NaN%

NaN%

NaN%

9

NaN%

NaN%

NaN%

NaN%

3

NaN%

NaN%

NaN%

NaN%

2

100%

0%

0%

0%

1

100%

0%

0%

0%

0

78.7%

9.57%

0%

11.7%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

type_of_meal_plan

cond on: no_of_children

10

NaN%

NaN%

9

NaN%

NaN%

3

NaN%

NaN%

2

100%

0%

1

100%

0%

0

97.9%

2.13%

N

Y

required_car_parking_space

cond on: no_of_children

10

NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
0%	50%	0%	0%	0%	50%	0%
75%	0%	0%	25%	0%	0%	0%
81.9%	2.13%	0%	16%	0%	0%	0%

2

1

0

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

room_type_reserved

cond on: no_of_children

10

NaN%

NaN%

NaN%

NaN%

NaN%

9

NaN%

NaN%

NaN%

NaN%

NaN%

3

NaN%

NaN%

NaN%

NaN%

NaN%

2

0%

0%

0%

0%

100%

1

0%

0%

0%

25%

75%

0

0%

1.06%

8.51%

30.9%

59.6%

Aviation

Complementary

Corporate

Offline

Online

market_segment_type

cond on: no_of_children

10

NaN%

NaN%

9

NaN%

NaN%

3

NaN%

NaN%

2

100%

0%

1

100%

0%

0

97.9%

2.13%

N

Y

repeated_guest

cond on: no_of_children

10

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

9

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

3

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

2

0%

50%

0%

50%

0%

0%

1

25%

50%

25%

0%

0%

0%

0

56.4%

33%

8.51%

2.13%

0%

0%

0

1

2

3

4

5

no_of_special_requests

cond on: no_of_children

10

NaN%

NaN%

9

NaN%

NaN%

3

NaN%

NaN%

2

0%

100%

1

25%

75%

0

28.7%

71.3%

Canceled

Not_Canceled

booking_status

cond on: no_of_weekend_nights

7	NaN%	NaN%	NaN%	NaN%
6	NaN%	NaN%	NaN%	NaN%
5	NaN%	NaN%	NaN%	NaN%
4	NaN%	NaN%	NaN%	NaN%
3	NaN%	NaN%	NaN%	NaN%
2	96%	0%	0%	4%
1	76%	4%	0%	20%
0	74%	16%	0%	10%

Meal Plan 1

Meal Plan 2

Meal Plan 3

Not Selected

type_of_meal_plan

cond on: no_of_weekend_nights

7

NaN%

NaN%

6

NaN%

NaN%

5

NaN%

NaN%

4

NaN%

NaN%

3

NaN%

NaN%

2

100%

0%

1

96%

4%

0

98%

2%

N

Y

required_car_parking_space

cond on: no_of_weekend_nights

7	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
6	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
5	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
4	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
3	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
2	72%	8%	0%	16%	0%	4%	0%
1	80%	4%	0%	16%	0%	0%	0%
0	84%	0%	0%	16%	0%	0%	0%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

room_type_reserved

cond on: no_of_weekend_nights

7

NaN%

NaN%

NaN%

NaN%

NaN%

6

NaN%

NaN%

NaN%

NaN%

NaN%

5

NaN%

NaN%

NaN%

NaN%

NaN%

4

NaN%

NaN%

NaN%

NaN%

NaN%

3

NaN%

NaN%

NaN%

NaN%

NaN%

2

0%

0%

0%

24%

76%

1

0%

0%

8%

28%

64%

0

0%

2%

12%

34%

52%

Aviation

Complementary

Corporate

Offline

Online

market_segment_type

cond on: no_of_weekend_nights

7

NaN%

NaN%

6

NaN%

NaN%

5

NaN%

NaN%

4

NaN%

NaN%

3

NaN%

NaN%

2

100%

0%

1

100%

0%

0

96%

4%

N

Y

repeated_guest

cond on: no_of_weekend_nights

7	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
6	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
5	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
4	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
3	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
2	48%	40%	4%	8%	0%	0%
1	60%	24%	12%	4%	0%	0%
0	54%	36%	10%	0%	0%	0%
	0	1	2	3	4	5

no_of_special_requests

cond on: no_of_weekend_nights

7

NaN%

NaN%

6

NaN%

NaN%

5

NaN%

NaN%

4

NaN%

NaN%

3

NaN%

NaN%

2

36%

64%

1

32%

68%

0

22%

78%

Canceled

Not_Canceled

booking_status

Not Selected

Meal Plan 3

Meal Plan 2

Meal Plan 1

cond on: type_of_meal_plan

100%

0%

NaN%

NaN%

88.9%

11.1%

98.8%

1.25%

N

Y

required_car_parking_space

Not Selected

cond on: type_of_meal_plan

Meal Plan 3

Meal Plan 2

Meal Plan 1

100%	0%	0%	0%	0%	0%	0%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
88.9%	11.1%	0%	0%	0%	0%	0%
76.2%	2.5%	0%	20%	0%	1.25%	0%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

Room_Type 7

room_type_reserved

Not Selected

Meal Plan 3

Meal Plan 2

Meal Plan 1

cond on: type_of_meal_plan

0%	0%	0%	0%	100%
NaN%	NaN%	NaN%	NaN%	NaN%
0%	11.1%	0%	88.9%	0%
0%	0%	10%	27.5%	62.5%

Aviation

Complementary

Corporate

Offline

Online

market_segment_type

Not Selected

Meal Plan 3

Meal Plan 2

Meal Plan 1

cond on: type_of_meal_plan

100%

0%

NaN%

NaN%

88.9%

11.1%

98.8%

1.25%

N

Y

repeated_guest

Not Selected

cond on: type_of_meal_plan

Meal Plan 1

Meal Plan 2

Meal Plan 3

36.4%	36.4%	27.3%	0%	0%	0%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
77.8%	22.2%	0%	0%	0%	0%
53.8%	35%	7.5%	3.75%	0%	0%

0

1

2

3

4

5

no_of_special_requests

Not Selected

Meal Plan 3

Meal Plan 2

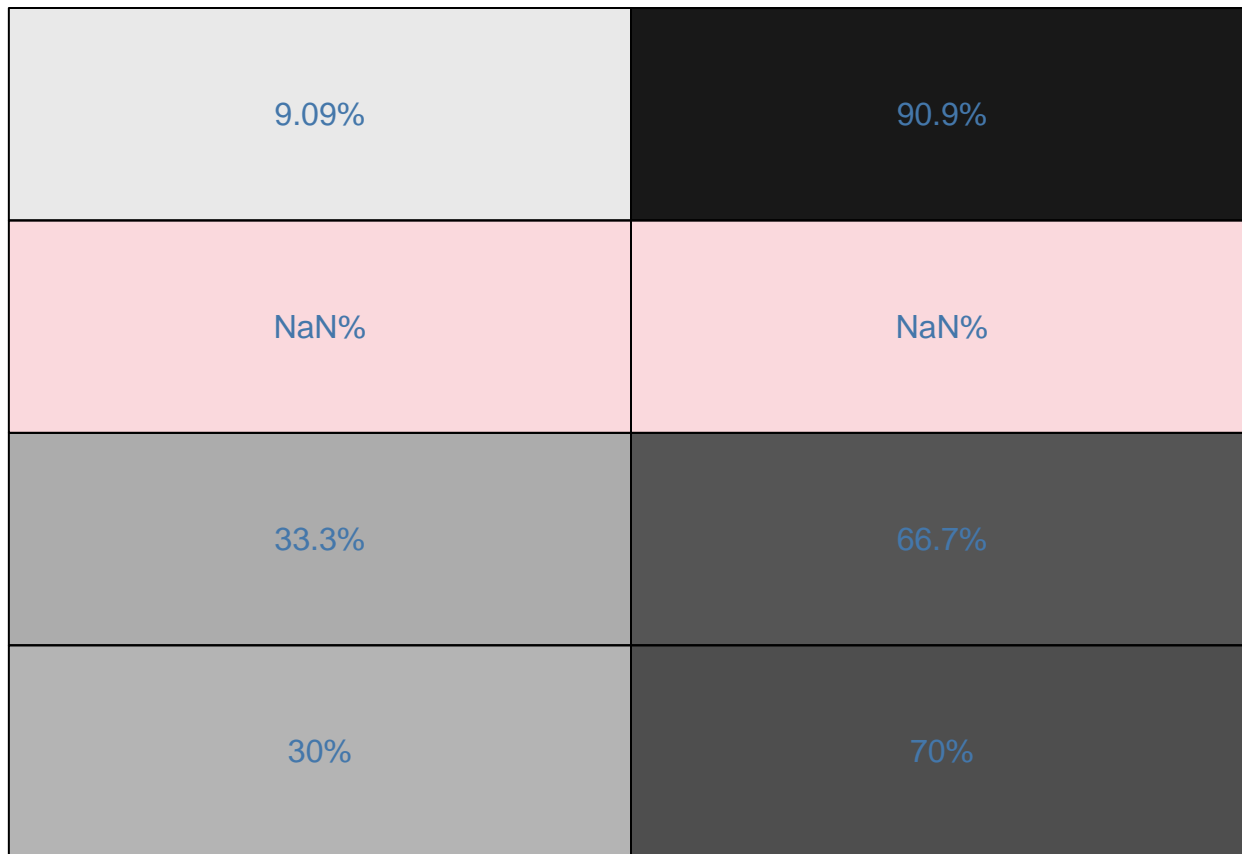
Meal Plan 1

cond on: type_of_meal_plan

Canceled

Not_Canceled

booking_status



cond on: required_car_parking_space

Y

N

50%	0%	0%	50%	0%	0%	0%
80.6%	3.06%	0%	15.3%	0%	1.02%	0%

Room_Type 1

Room_Type 2

Room_Type 3

Room_Type 4

Room_Type 5

Room_Type 6

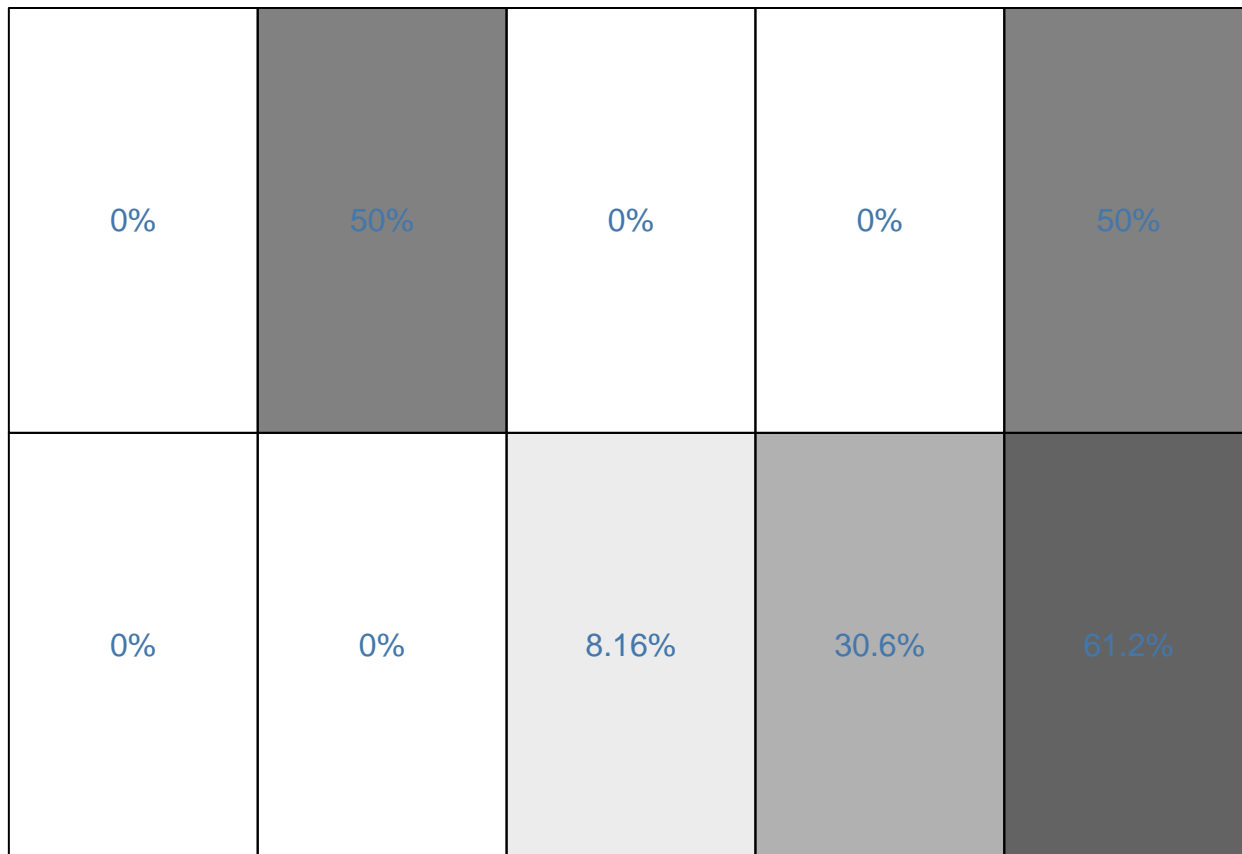
Room_Type 7

room_type_reserved

cond on: required_car_parking_space

Y

N



Aviation

Complementary

Corporate

Offline

Online

market_segment_type

cond on: required_car_parking_space

Y

50%

50%

N

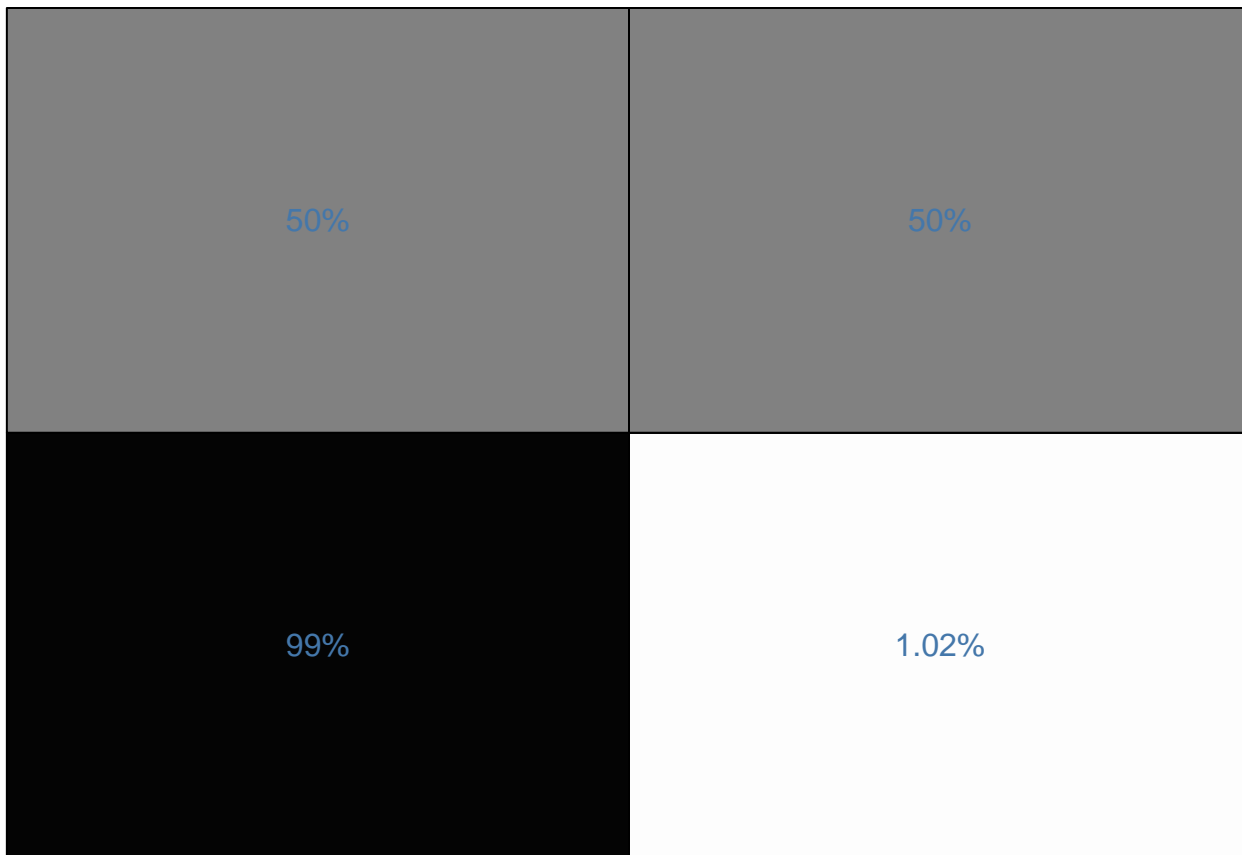
99%

1.02%

N

Y

repeated_guest



cond on: required_car_parking_space

Y

N



0

1

2

3

4

5

no_of_special_requests

cond on: required_car_parking_space

Y

N

0%

100%

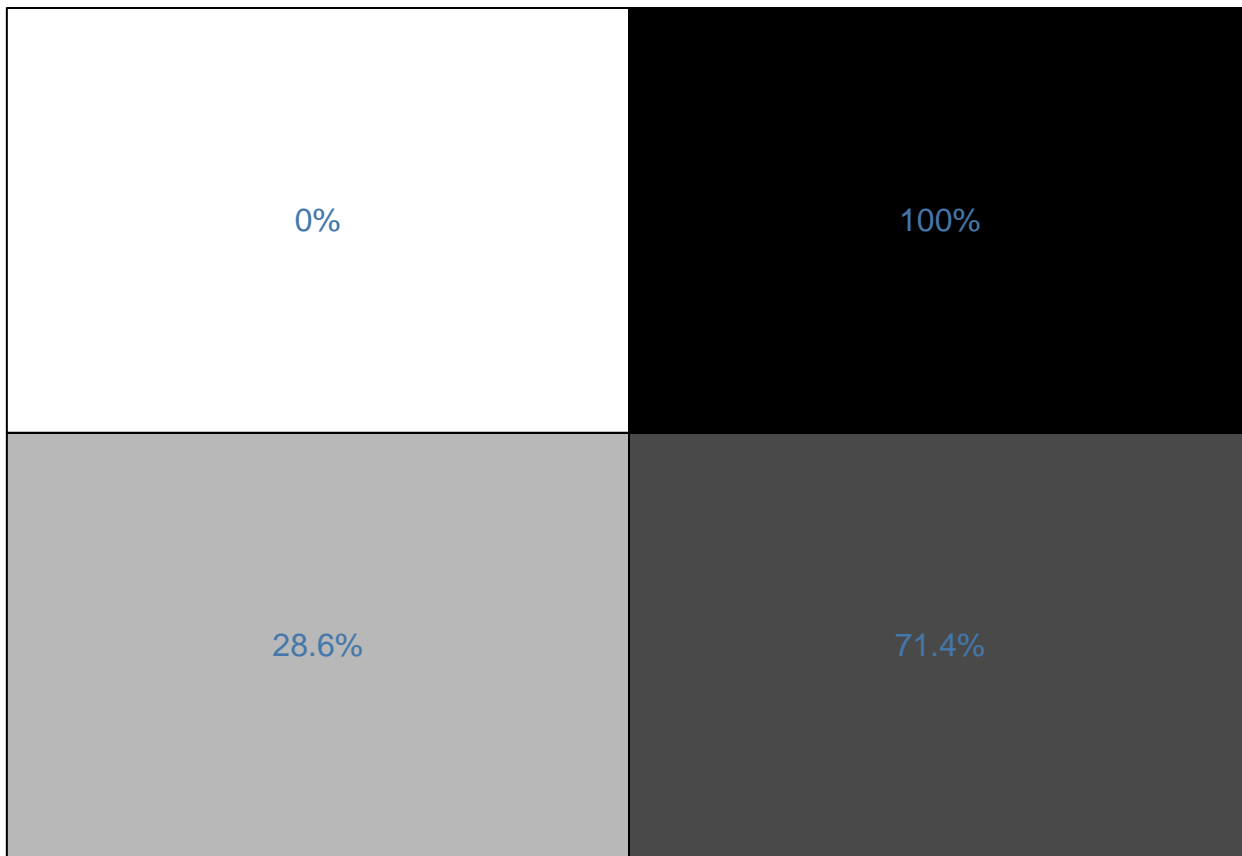
28.6%

71.4%

Canceled

Not_Canceled

booking_status



cord on:room_type_reserved

room_Type 7

room_Type 6

room_Type 5

room_Type 4

room_Type 3

room_Type 2

room_Type 1

NaN%	NaN%	NaN%	NaN%	NaN%
0%	0%	0%	0%	100%
NaN%	NaN%	NaN%	NaN%	NaN%
0%	0%	0%	18.8%	81.2%
NaN%	NaN%	NaN%	NaN%	NaN%
0%	0%	0%	33.3%	66.7%
0%	1.25%	10%	32.5%	56.2%

Aviation

Complementary

Corporate

Offline

Online

market_segment_type

cord on:room_type reserved

oom_Type 7

oom_Type 6

oom_Type 5

oom_Type 4

oom_Type 3

oom_Type 2

oom_Type 1

NaN%	NaN%
100%	0%
NaN%	NaN%
100%	0%
NaN%	NaN%
100%	0%
97.5%	2.5%

N

Y

repeated_guest

cord on:room_type reserved

oom_Type 7

oom_Type 6

oom_Type 5

oom_Type 4

oom_Type 3

oom_Type 2

oom_Type 1

NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
0%	0%	0%	100%	0%	0%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
37.5%	43.8%	12.5%	6.25%	0%	0%
NaN%	NaN%	NaN%	NaN%	NaN%	NaN%
66.7%	33.3%	0%	0%	0%	0%
57.5%	32.5%	8.75%	1.25%	0%	0%

0

1

2

3

4

5

no_of_special_requests

cord on:room_type reserved

oom_Type 7

oom_Type 6

oom_Type 5

oom_Type 4

oom_Type 3

oom_Type 2

oom_Type 1

NaN%	NaN%
0%	100%
NaN%	NaN%
25%	75%
NaN%	NaN%
33.3%	66.7%
28.8%	71.2%

Canceled

Not_Canceled

booking_status

cond on: market_segment_type

cond on: market_segment_type	Online	100%	0%
	Offline	100%	0%
	Corporate	87.5%	12.5%
	Complementary	0%	100%
	Aviation	NaN%	NaN%
		N	Y
repeated_guest			

cond on: market_segment_type

Online

36.1%

44.3%

14.8%

4.92%

0%

0%

Offline

83.3%

16.7%

0%

0%

0%

0%

Corporate

75%

25%

0%

0%

0%

0%

Complementary

100%

0%

0%

0%

0%

0%

Aviation

NaN%

NaN%

NaN%

NaN%

NaN%

NaN%

0

1

2

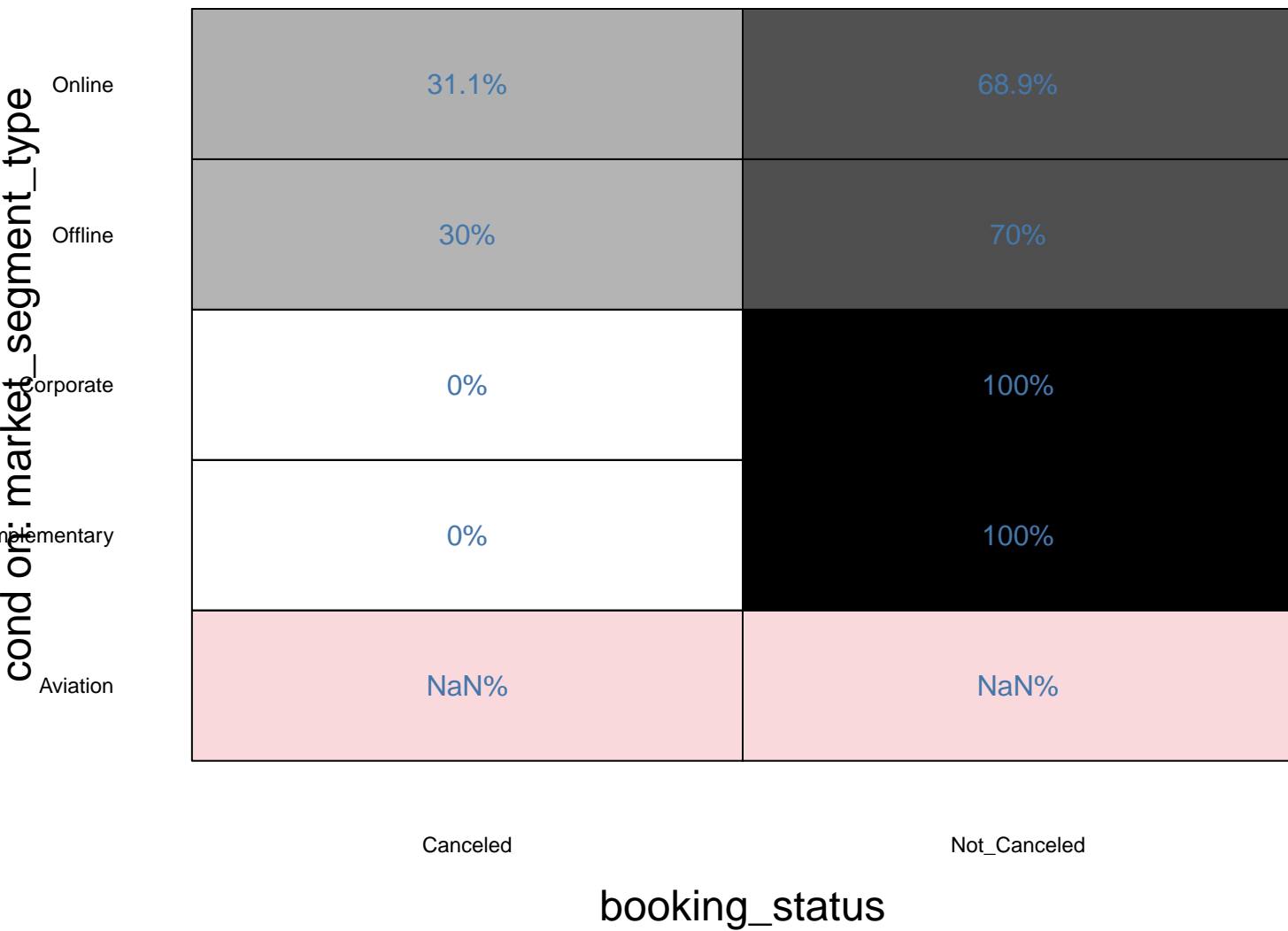
3

4

5

no_of_special_requests

cond on: market_segment_type



cond on: repeated_guest

Y

50%

50%

0%

0%

0%

0%

N

54.1%

33.7%

9.18%

3.06%

0%

0%

0

1

2

3

4

5

no_of_special_requests

cond on: repeated_guest

Y

N

0%

100%

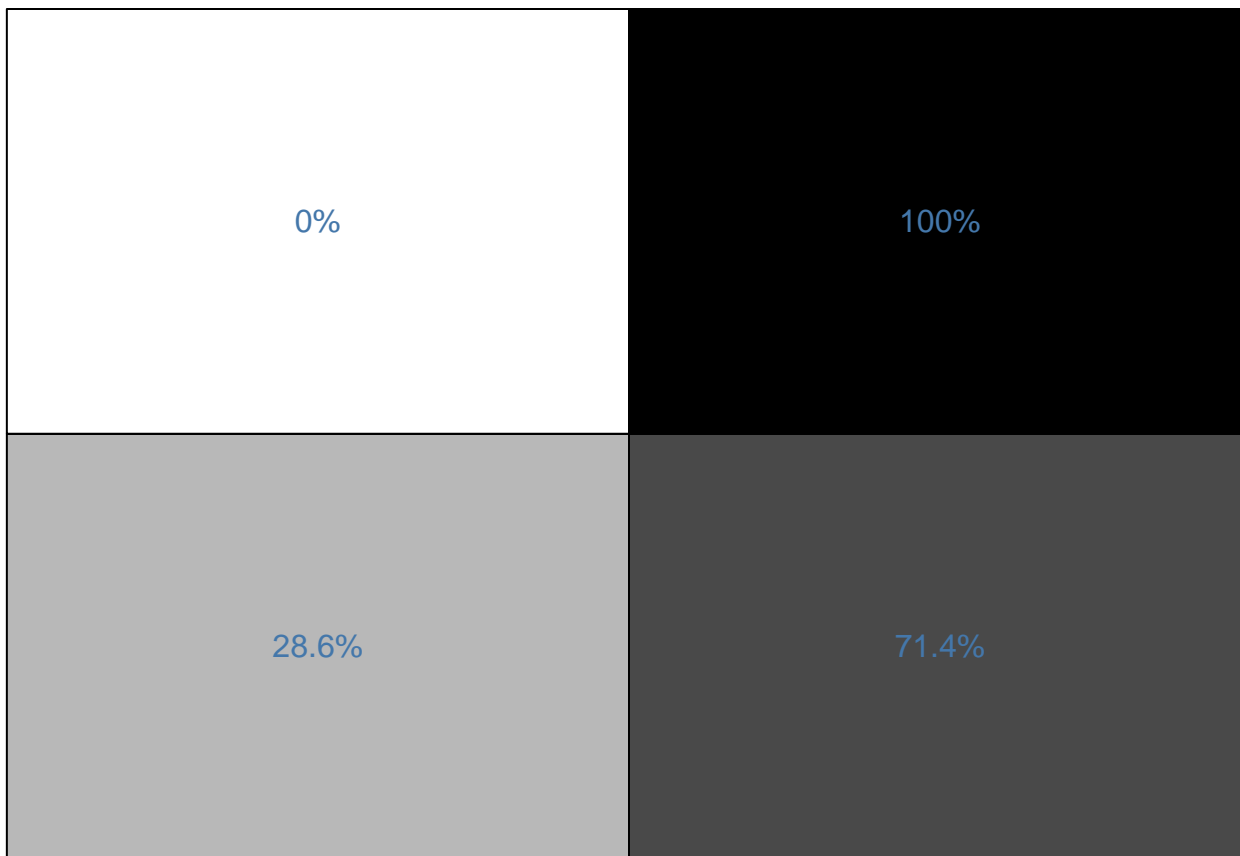
28.6%

71.4%

Canceled

Not_Canceled

booking_status



cond on: no_of_special_requests

5

NaN%

NaN%

4

NaN%

NaN%

3

0%

100%

2

11.1%

88.9%

1

14.7%

85.3%

0

40.7%

59.3%

Canceled

Not_Canceled

booking_status