

# Case Study

Paulina, Leo, Benedikt und Felix

17.6.2020

## **Contents**

```
## Struktur der Daten:

##
##
## Zusammenfassung:

## [1] "\n\nadr_roomtype = aggregate(adr ~ reserved_room_type,data=clndata, mean)\nadr_roomtype\n\nadr_

## Loading required package: dplyr

##
## Attaching package: 'dplyr'

## The following object is masked from 'package:GGally':
##
##      nasa

## The following objects are masked from 'package:stats':
##
##      filter, lag

## The following objects are masked from 'package:base':
##
##      intersect, setdiff, setequal, union
```

Table 1: overview\_room\_types\_city

Room_Type	adults	children	meal	adr	n
A	1	0	BB	90.000	11296
A	1	0	FB	84.000	35
A	1	0	HB	90.000	793
A	1	0	SC	95.480	1371
A	1	1	BB	106.675	108
A	1	1	HB	98.750	10
A	1	1	SC	87.780	33
A	1	2	BB	119.800	28
A	1	2	HB	122.000	4
A	1	2	SC	135.250	2
A	2	0	BB	90.000	32068
A	2	0	FB	206.000	1
A	2	0	HB	110.000	4319
A	2	0	SC	97.000	8683
A	2	1	BB	125.100	1831
A	2	1	HB	167.850	149
A	2	1	SC	97.000	83
A	2	2	BB	126.000	16
A	2	2	HB	168.725	2
A	2	2	SC	126.000	3
A	3	0	BB	111.760	668
A	3	0	HB	139.200	71
A	3	0	SC	100.800	80

Room_Type	adults	children	meal	adr	n
A	3	1	BB	162.285	2
B	1	0	BB	100.600	29
B	1	0	SC	136.000	1
B	1	1	BB	91.100	17
B	1	1	HB	112.820	4
B	1	2	BB	91.600	9
B	1	2	SC	91.360	1
B	2	0	BB	86.620	671
B	2	0	HB	113.140	22
B	2	0	SC	86.620	25
B	2	1	BB	107.750	28
B	2	2	BB	139.500	57
B	2	3	BB	79.260	1
B	3	0	BB	120.500	5
B	3	2	BB	175.625	2
C	1	0	BB	88.500	2
C	1	0	HB	104.000	1
C	2	0	BB	110.000	7
C	2	2	BB	74.000	1
D	1	0	BB	110.000	1111
D	1	0	HB	108.000	35
D	1	0	SC	134.000	7
D	1	1	BB	106.720	19
D	1	1	SC	66.640	1
D	1	2	BB	129.200	19
D	1	2	HB	177.080	3
D	2	0	BB	122.400	6324
D	2	0	FB	215.500	1
D	2	0	HB	153.705	398
D	2	0	SC	112.840	53
D	2	1	BB	128.400	335
D	2	1	HB	167.760	25
D	2	1	SC	113.000	3
D	2	2	BB	107.350	6
D	3	0	BB	152.100	3128
D	3	0	HB	194.300	159
D	3	0	SC	142.200	5
D	3	1	BB	140.350	10
D	4	0	BB	222.000	4
E	1	0	BB	135.400	235
E	1	0	HB	123.500	5
E	1	0	SC	190.000	14
E	1	1	BB	168.750	2
E	1	2	BB	167.590	4
E	1	3	BB	215.000	1
E	2	0	BB	153.870	567
E	2	0	HB	172.675	26
E	2	0	SC	145.000	1
E	2	1	BB	152.100	77
E	2	1	HB	200.165	12
E	2	2	BB	164.600	107
E	2	2	HB	225.000	27

Room_Type	adults	children	meal	adr	n
E	3	0	BB	194.670	297
E	3	0	HB	189.000	93
E	3	1	BB	180.900	27
E	3	1	HB	232.000	4
E	4	0	BB	185.350	2
F	1	0	BB	193.680	28
F	1	1	BB	198.900	3
F	1	2	BB	190.800	33
F	1	2	HB	260.500	1
F	1	3	BB	193.500	1
F	2	0	BB	187.200	143
F	2	0	HB	193.600	6
F	2	0	SC	158.950	3
F	2	1	BB	184.950	110
F	2	1	HB	244.550	6
F	2	1	SC	159.080	1
F	2	2	BB	189.000	1207
F	2	2	HB	230.500	104
F	2	2	SC	153.000	19
F	2	3	BB	220.000	3
F	2	3	HB	275.000	1
F	3	0	BB	168.890	69
F	3	0	HB	158.930	1
F	3	1	BB	201.950	14
F	3	1	HB	227.780	1
F	3	2	BB	318.500	1
F	4	0	BB	145.800	2
G	1	0	BB	238.120	24
G	1	1	BB	212.000	1
G	1	2	BB	227.040	2
G	2	0	BB	216.000	67
G	2	1	BB	217.750	25
G	2	2	BB	227.250	111
G	2	2	HB	300.000	9
G	2	3	BB	254.255	36
G	2	3	HB	289.000	5
G	3	0	BB	211.600	54
G	3	0	SC	180.000	1
G	3	1	BB	236.500	46
G	3	1	HB	345.000	1
G	3	2	BB	263.000	19
G	3	2	HB	284.200	5
G	4	0	BB	214.750	22

Table 2: overview\_room\_types\_resort

Room_Type	adults	children	meal	adr	n
A	1	0	BB	42.000	4937
A	1	0	FB	53.005	30
A	1	0	HB	54.500	611
A	1	0	SC	9.250	6

Room_Type	adults	children	meal	adr	n
A	1	1	BB	83.310	23
A	1	1	FB	24.700	1
A	1	1	HB	107.300	11
A	1	2	BB	78.500	5
A	1	2	HB	101.985	4
A	2	0	BB	60.000	11473
A	2	0	FB	80.000	513
A	2	0	HB	84.000	3307
A	2	0	SC	10.500	9
A	2	1	BB	95.045	324
A	2	1	FB	215.350	18
A	2	1	HB	163.105	160
A	2	2	BB	106.000	9
A	2	2	HB	95.400	1
A	2	3	BB	124.000	1
A	3	0	BB	112.210	316
A	3	0	FB	206.600	20
A	3	0	HB	165.355	138
A	3	0	SC	48.000	1
A	4	0	BB	208.000	1
B	2	0	BB	110.000	3
C	1	0	BB	67.500	9
C	1	0	HB	171.000	1
C	1	1	BB	186.000	4
C	1	1	HB	203.000	7
C	1	2	BB	185.000	6
C	1	2	HB	225.535	4
C	1	3	BB	201.700	2
C	2	0	BB	135.200	127
C	2	0	FB	89.000	6
C	2	0	HB	180.000	31
C	2	1	BB	123.000	83
C	2	1	FB	211.390	8
C	2	1	HB	187.200	41
C	2	2	BB	160.000	339
C	2	2	FB	255.200	8
C	2	2	HB	213.600	131
C	2	3	BB	158.000	1
C	3	0	BB	127.500	31
C	3	0	FB	158.000	10
C	3	0	HB	199.500	8
C	3	1	BB	199.000	10
C	3	1	HB	262.625	4
C	4	0	BB	143.840	6
C	4	0	HB	108.360	1
D	1	0	BB	67.000	433
D	1	0	FB	116.170	2
D	1	0	HB	68.000	88
D	1	1	BB	81.000	15
D	1	1	FB	160.680	1
D	1	1	HB	141.490	4
D	1	2	BB	95.000	3

Room_Type	adults	children	meal	adr	n
D	1	2	HB	260.280	2
D	2	0	BB	75.090	4719
D	2	0	FB	156.600	54
D	2	0	HB	97.450	1488
D	2	0	SC	1.560	5
D	2	1	BB	142.260	157
D	2	1	FB	238.750	15
D	2	1	HB	185.500	95
D	2	10	BB	133.160	1
D	2	2	BB	195.585	2
D	2	2	FB	310.000	1
D	2	2	HB	261.190	2
D	3	0	BB	140.370	121
D	3	0	FB	195.750	3
D	3	0	HB	206.270	68
D	4	0	BB	252.600	2
E	1	0	BB	72.800	253
E	1	0	FB	124.380	1
E	1	0	HB	77.250	60
E	1	1	BB	124.440	4
E	1	1	FB	283.000	1
E	1	1	HB	114.230	4
E	1	2	BB	200.790	4
E	1	2	HB	217.200	2
E	2	0	BB	90.000	3231
E	2	0	FB	134.400	27
E	2	0	HB	118.000	1011
E	2	0	SC	29.215	2
E	2	1	BB	158.800	102
E	2	1	FB	260.200	6
E	2	1	HB	179.890	57
E	2	2	BB	284.000	1
E	3	0	BB	153.000	63
E	3	0	FB	199.500	3
E	3	0	HB	206.220	41
F	1	0	BB	89.900	52
F	1	0	HB	169.385	2
F	1	1	BB	145.025	2
F	1	1	HB	253.800	1
F	1	2	BB	183.105	4
F	1	2	HB	300.650	2
F	2	0	BB	109.000	697
F	2	0	FB	196.000	8
F	2	0	HB	140.600	167
F	2	0	SC	19.000	1
F	2	1	BB	192.660	47
F	2	1	FB	216.570	2
F	2	1	HB	196.905	18
F	2	2	BB	188.000	1
F	3	0	BB	209.000	35
F	3	0	FB	317.910	2
F	3	0	HB	252.260	12

