

Variable	Type	Description	Source/Engineering
Country	Categorical	Country of origin. Categories are represented in the ISO 3155–3:2013 format	BO, BL and NT
Company	Categorical	ID of the company/entity that made the booking or responsible for paying the booking. ID is presented instead of designation for anonymity reasons	BO and BL
ADR	Numeric	Average Daily Rate	BO, BL and TR / Calculated by dividing the sum of all lodging transactions by the total number of staying nights
DistributionChannel	Categorical	Booking distribution channel. The term "TA" means "Travel Agents" and "TO" means "Tour Operators"	BO, BL and DC
AssignedRoomType	Categorical	Code for the type of room assigned to the booking. Sometimes the assigned room type differs from the reserved room type due to hotel operation reasons (e.g. overbooking) or by customer request. Code is for anonymity reasons presented instead of designation	BO and BL
ReservedRoomType	Categorical	Code of room type reserved. Code is presented instead of designation for anonymity reasons	BO and BL
ReservationStatusDate	Date	Date at which the last status was set. This variable can be used in conjunction with the ReservationStatus to understand when was the booking canceled or when did the customer checked-out of the hotel	BO
ArrivalDateDayOfMonth	Integer	Day of the month of the arrival date	BO and BL
Agent	Categorical	ID of the travel agency that made the booking	BO and BL
DepositType	Categorical	Indication on if the customer made a deposit to guarantee the booking. This variable can assume three categories: No Deposit – no deposit was made; Non Refund – a deposit was made in the value of the total stay cost; Refundable – a deposit was made with a value under the total cost of stay.	BO and TR/Value calculated based on the payments identified for the booking in the transaction (TR) table before the booking's arrival or cancellation date. In case no payments were found the value is "No Deposit". If the payment was equal or exceeded the total cost of stay, the value is set as "Non Refund". Otherwise the value is set as "Refundable"
MarketSegment	Categorical	Market segment designation. In categories, the term "TA" means "Travel Agents" and "TO" means "Tour Operators"	BO, BL, and MS
ArrivalDateMonth	Categorical	Month of arrival date with 12 categories: "January" to "December"	BO and BL

Holiday_Name

Search

☐ 17 May Constitution Day (1814)

☐ 1848 Revolution Memorial Day

☐ 1956 Revolution Memorial Day

☐ 20th Anniversary of King Abdull...

☐ 25th of March (national holiday)

☐ 2nd Christmas Day

☐ 2nd January

☐ 7-5-3 Day

Type

Search

☐ Half-day holiday

☐ Local holiday

☐ Local observance

☐ Observance

☐ Public holiday

☐ Special holiday

☐ Working day (replacement)

Country_Name

Search

☐ Afghanistan

☐ Albania

☐ Algeria

☐ American-samoa

☐ Andorra

☐ Angola

☐ Anguilla

☐ Antigua-and-barbuda

Holiday_Date

1/1/2019

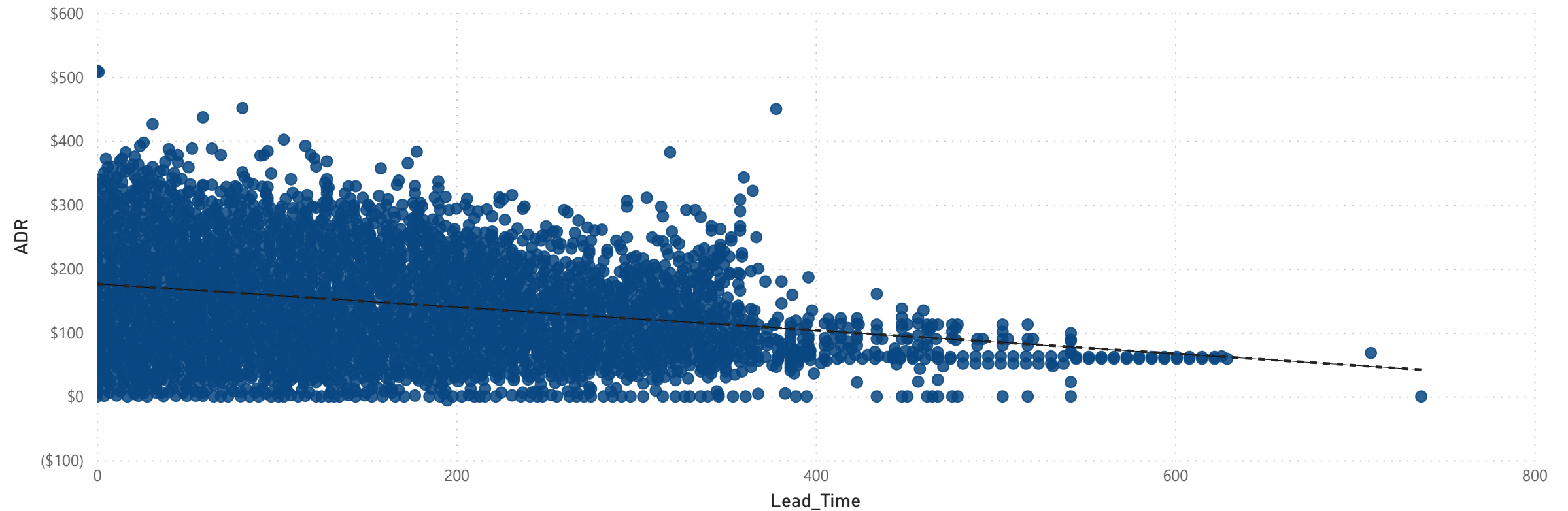
12/31/2019

Country_Name	Holiday_Name	Type	Holiday_Date
Albania	New Year's Day	Public holiday	2019-01-01
Algeria	New Year	Public holiday	2019-01-01
American-samoa	New Year's Day	Public holiday	2019-01-01
Andorra	New Year's Day	Public holiday	2019-01-01
Angola	New Year	Public holiday	2019-01-01
Anguilla	New Year's Day	Public holiday	2019-01-01
Antigua-and-barbuda	New Year's Day	Public holiday	2019-01-01
Argentina	New Year's Day	Public holiday	2019-01-01
Armenia	New Year's Day	Public holiday	2019-01-01
Aruba	New Year's Day	Public holiday	2019-01-01
Australia	New Year's Day	Public holiday	2019-01-01
Austria	New Year's Day	Public holiday	2019-01-01
Azerbaijan	New Year's Day	Public holiday	2019-01-01
Bahamas	New Year's Day	Public holiday	2019-01-01
Bahrain	New Year	Public holiday	2019-01-01

<div>adr_adj</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> 0</div><div><input type="checkbox"/> 100-149</div><div><input type="checkbox"/> 1-49</div><div><input type="checkbox"/> 150-199</div><div><input type="checkbox"/> ...</div></div>	<div>Reservation_Status</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> Canceled</div><div><input type="checkbox"/> Check-Out</div><div><input type="checkbox"/> No-Show</div></div>	<div>Agent</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> 1</div><div><input type="checkbox"/> 10</div><div><input type="checkbox"/> 103</div><div><input type="checkbox"/> 104</div><div><input type="checkbox"/> ...</div></div>	<div>Assigne...</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> A</div><div><input type="checkbox"/> B</div><div><input type="checkbox"/> C</div><div><input type="checkbox"/> D</div><div><input type="checkbox"/> E</div><div><input type="checkbox"/> -</div></div>	<div>Company</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> 10</div><div><input type="checkbox"/> 100</div><div><input type="checkbox"/> 101</div><div><input type="checkbox"/> 102</div><div><input type="checkbox"/> ...</div></div>	<div>Country...</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> ABW</div><div><input type="checkbox"/> AGO</div><div><input type="checkbox"/> AIA</div><div><input type="checkbox"/> ALB</div><div><input type="checkbox"/> ...</div></div>	<div>Deposit_Type</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> No Deposit</div><div><input type="checkbox"/> Non Refund</div><div><input type="checkbox"/> Refundable</div></div>
<div>Country_Region</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> East Asia & Pacific</div><div><input type="checkbox"/> Europe & Central Asia</div><div><input type="checkbox"/> Latin America & Caribbean</div><div><input type="checkbox"/> Middle East & North Africa</div><div><input type="checkbox"/> ...</div></div>	<div>meal_adj</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> Bed & Breakfast</div><div><input type="checkbox"/> Breakfast and One Other</div><div><input type="checkbox"/> Breakfast, Lunch, Dinner</div><div><input type="checkbox"/> No Meal</div></div>	<div>lead_time_bins</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> 0</div><div><input type="checkbox"/> 100-199</div><div><input type="checkbox"/> 1-99</div><div><input type="checkbox"/> 200-299</div><div><input type="checkbox"/> 300-399</div><div><input type="checkbox"/> ...</div></div>	<div>Distribution_...</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> Corporate</div><div><input type="checkbox"/> Direct</div><div><input type="checkbox"/> GDS</div><div><input type="checkbox"/> TA/TO</div><div><input type="checkbox"/> Undefined</div></div>	<div>Country_Nam...</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> Albania</div><div><input type="checkbox"/> Algeria</div><div><input type="checkbox"/> American Sa...</div><div><input type="checkbox"/> Andorra</div><div><input type="checkbox"/> ...</div></div>		
<div>Customer_Ty...</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> Contract</div><div><input type="checkbox"/> Group</div><div><input type="checkbox"/> Transient</div><div><input type="checkbox"/> Transient-Party</div></div>	<div>Country_Income_Group</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> (Blank)</div><div><input type="checkbox"/> High income</div><div><input type="checkbox"/> Low income</div><div><input type="checkbox"/> Lower middle income</div><div><input type="checkbox"/> Upper middle income</div></div>	<div>Holiday_Name</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> 17 May Constitution ...</div><div><input type="checkbox"/> 1848 Revolution Mem...</div><div><input type="checkbox"/> 1956 Revolution Mem...</div><div><input type="checkbox"/> 20th Anniversary of Ki...</div><div><input type="checkbox"/> 25th of March (nation...</div><div><input type="checkbox"/> ...</div></div>	<div>Type</div> <div>🔍 Search</div> <div><div><input type="checkbox"/> Half-day holiday</div><div><input type="checkbox"/> Local holiday</div><div><input type="checkbox"/> Local observance</div><div><input type="checkbox"/> Observance</div><div><input type="checkbox"/> Public holiday</div><div><input type="checkbox"/> ...</div></div>			

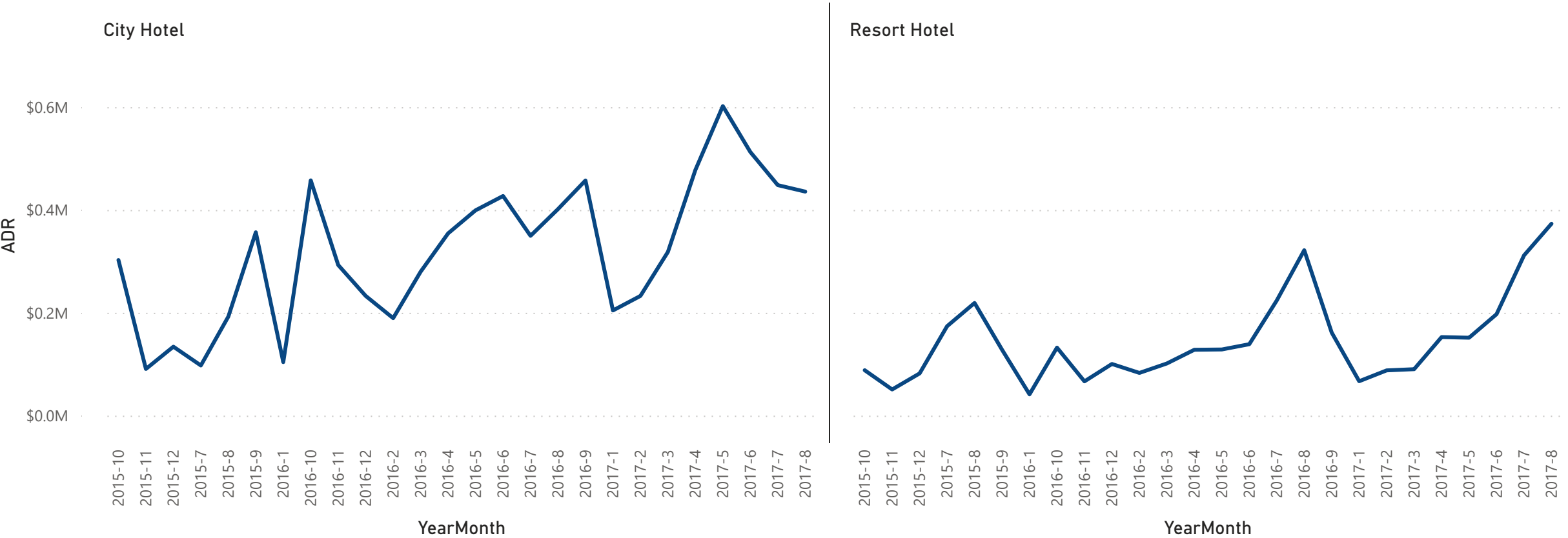
meal_adj	Country_Name_Short	Country_Currency	Country_Region
All	All	All	All
Country_Income_Group	Customer_Type	Distribution_Channel	Hotel
All	All	All	All
Is_Repeated_Guest	lead_time_bins	Deposit_Type	Reserved_Room_Type
All	All	All	All

Lead_Time and ADR



meal_adj	Country_Name_Short	Country_Currency	Country_Region
All	All	All	All
Country_Income_Group	Customer_Type	Distribution_Channel	Hotel
All	All	All	All
Is_Repeated_Guest	lead_time_bins	Deposit_Type	Reserved_Room_Type
All	All	All	All

ADR by YearMonth and Hotel



meal_adj

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All▼

Country_Name_Short

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All▼

Country_Currency

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All▼

Country_Region

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All▼

Country_Income_Group

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Customer_Type

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Distribution_Channel

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Hotel

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Is_Repeated_Guest

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All▼

lead_time_bins

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All▼

Deposit_Type

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All▼

Reserved_Room_Type

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All▼

ADR by Country_Name_Short

This treemap visualizes the Average Daily Rate (ADR) by country. The largest categories are Portugal (dark blue) and United Kingdom (blue). Other significant countries include France (bright blue), Spain (light blue), Germany (teal), Italy (green), Ireland (dark green), Belgium (dark green), United States (grey-blue), Brazil (blue), Netherlands (light blue), Switzerland (light blue), and a large 'Blank' area (light teal). Smaller countries like Australia, South Africa, Canada, Poland, Russia, Israel, and Norway are also visible in the bottom right corner.

Average of Lead_Time by Country_Name_Short

This treemap visualizes the average lead time by country. The largest categories are Fiji (green) and Dominica (bright green). Other countries include Mauritius (purple), Ireland (green), Netherlands (light blue), Albania (light green), Guyana (grey), Serbia (dark grey), Faroe Islands (olive), Isle of Man (light green), Malta (dark blue), Benin (dark grey), Bahrain (purple), Slovakia (blue), Rwanda (purple), Uruguay (purple), Israel (dark blue), Honk Kong (brown), Seychelles (purple), Togo (grey), Kazakhstan (grey), St. Lucia (dark grey), Palau (purple), French Polynesia (green), Montenegro (dark grey), Aruba (grey), Estonia (blue), Hungary (blue), Luxembourg (blue), North Macedonia (purple), Iceland (orange), Dominica (green), Barbados (dark purple), San Marino (brown), and Norway (blue). Smaller countries like Georgia, Zimbabwe, France, and Greece are also visible in the bottom right corner.

meal_adj

All

Country_Name_Short

All

Country_Currency

All

Country_Region

All

Country_Income_Group

All

Customer_Type

All

Distribution_Channel

All

Hotel

All

Is_Repeated_Guest

All

lead_time_bins

All

Deposit_Type

All

Reserved_Room_Type

All

Country_Name_Short	ADR	Adults	Children	Babies	total_people	Stays_In_Week_Nights	Stays_In_Weekend_Nights	total_room_nights	Days_In_Waiting_List	Previous_Cancellations	Is_Canceled	Is_Repeated_Guest	Booking_Changes	Total_Of_Special_Requests	Required_Car_Parking_Spaces	Average of Lead_Time
Portugal	\$4,472,177	86,122	3,468	437	90,027	105,737	35,905	141,642	196,988	9,208	27,515	3,250	8,252	17,845	3,100	115.58
United Kingdom	\$1,164,652	23,223	1,253	92	24,568	41,795	16,297	58,092	6,345	118	2,453	107	3,435	8,259	564	127.42
France	\$1,141,664	20,291	1,211	77	21,579	26,417	10,130	36,547	24,051	64	1,934	78	2,271	7,572	577	82.32
Spain	\$1,002,417	16,615	1,412	126	18,153	19,252	7,106	26,358	4,050	61	2,177	90	2,063	6,082	1,196	54.85
Germany	\$760,739	13,703	477	18	14,198	18,653	7,134	25,787	14,895	13	1,218	25	1,660	4,702	243	137.37
Italy	\$429,129	7,384	456	16	7,856	8,707	3,615	12,322	5,525	4	1,333	40	963	2,464	127	90.66
Ireland	\$331,399	6,570	315	24	6,909	12,477	4,889	17,366	130	618	832	31	881	2,628	84	120.45
Belgium	\$266,632	4,588	311	12	4,911	6,175	2,456	8,631	248	198	474	17	504	2,049	133	99.67
United States	\$257,915	3,950	362	6	4,318	4,021	1,793	5,814	2,403	0	501	19	710	1,604	142	77.19
Brazil	\$246,876	4,450	393	24	4,867	5,477	2,282	7,759	512	24	830	14	589	1,830	139	83.29
Netherlands	\$227,412	3,943	280	10	4,233	5,614	2,126	7,740	686	0	387	20	608	1,676	181	80.58
Switzerland	\$210,766	3,352	285	9	3,646	4,512	1,772	6,284	137	0	428	3	398	1,374	121	91.07
	\$178,302	3,319	149	14	3,482	4,638	1,967	6,605	157	40	352	9	383	1,211	224	94.20
Austria	\$134,181	2,413	107	0	2,520	3,498	1,143	4,641	8,184	11	230	11	484	764	78	117.74
Sweden	\$115,607	1,880	170	6	2,056	2,869	1,165	4,034	207	4	227	10	283	649	61	106.40
China	\$110,428	1,888	133	2	2,023	1,837	805	2,642	41	0	462	8	203	656	19	42.74
Poland	\$98,424	1,760	187	11	1,958	2,680	1,062	3,742	1,563	11	215	5	267	685	62	90.74
Russia	\$75,010	1,182	118	2	1,302	1,786	674	2,460	452	0	220	2	166	460	24	80.22
Total	\$12,157,499	221,627	12,403	949	234,979	298,502	110,743	409,245	277,122	10,401	44,220	3,810	26,400	68,210	7,464	104.01

meal_adj

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All

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Country_Name_Short

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All

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Country_Currency

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Country_Region

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Country_Income_Group

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All

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Customer_Type

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Distribution_Channel

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Hotel

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Is_Repeated_Guest

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All

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lead_time_bins

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All

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Deposit_Type

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All

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Reserved_Room_Type

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All

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Country_Name_Short	Average of ADR	Average of Adults	Average of Children	Average of Babies	Average of total_people	Average of Stays_In_Week_Nights	Average of Stays_In_Weekend_Nights	Average of total_room_nights	Average of Days_In_Waiting_List	Average of Previous_Cancellations	Average of Is_Canceled	Average of Is_Repeated_Guest	Average of Booking_Changes	Average of Total_Of_Special_Requests	Average of Required_Car_Parking_Spaces	Average of Lead_Time
Faroe Islands	\$155	3.00	0.00	0.00	3.00	8.40	3.60	12.00	0.00	0.00	0.80	0.00	0.20	0.80	0.00	286.40
Senegal	\$126	1.73	0.36	0.00	2.09	6.09	2.73	8.82	0.00	0.00	0.73	0.00	0.27	0.45	0.00	55.73
Angola	\$117	1.57	0.21	0.01	1.80	5.83	2.28	8.12	0.00	0.04	0.57	0.05	0.38	0.51	0.03	23.10
Togo	\$106	2.00	0.00	0.00	2.00	5.50	2.50	8.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	62.00
Guinea-Bissau	\$83	1.22	0.00	0.00	1.22	4.89	2.22	7.11	0.00	0.00	0.11	0.00	1.33	0.00	0.00	40.89
Palau	\$136	2.00	0.00	0.00	2.00	5.00	2.00	7.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	169.00
Sierra Leone	\$121	2.00	0.00	0.00	2.00	5.00	2.00	7.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	84.00
The Bahamas	\$51	2.00	0.00	0.00	2.00	5.00	2.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	159.00
Rwanda	\$83	1.50	0.00	0.00	1.50	4.50	2.00	6.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	102.00
Cabo Verde	\$92	1.79	0.00	0.00	1.79	4.42	1.67	6.08	0.00	0.00	0.50	0.00	0.29	0.38	0.00	25.00
Mauritania	\$98	2.00	0.00	0.00	2.00	4.00	2.00	6.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	148.00
Saudi Arabia	\$125	1.81	0.23	0.00	2.04	4.10	1.69	5.79	0.00	0.00	0.69	0.00	0.17	0.31	0.02	33.44
Ghana	\$126	2.00	0.00	0.00	2.00	4.00	1.75	5.75	0.00	0.00	0.50	0.00	0.25	0.50	0.00	42.25
Georgia	\$169	1.95	0.18	0.00	2.14	3.59	1.68	5.27	0.00	0.00	0.68	0.00	0.27	0.41	0.00	97.68
Ireland	\$98	1.95	0.09	0.01	2.05	3.70	1.45	5.15	0.04	0.18	0.25	0.01	0.26	0.78	0.02	120.45
St. Lucia	\$81	2.00	0.00	0.00	2.00	3.00	2.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268.00
Total	\$102	1.86	0.10	0.01	1.97	2.50	0.93	3.43	2.32	0.09	0.37	0.03	0.22	0.57	0.06	104.01

meal_adj

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All

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Country_Name_Short

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All

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Country_Currency

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Country_Region

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Country_Income_Group

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lead_time_bins

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Deposit_Type

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Reserved_Room_Type

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All

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Reserved_Room_Type	A	B	C	D	E	F	G	H	I	K	L	P	Total
A	235,774	2,907	5,245	19,017	2,884	997	341	225	592	716			268,698
B	399	3,327		17	4	4	28			6			3,785
C	14	6	4,183	23	14	5	38	38	31				4,352
D	1,067	67	141	74,763	2,200	533	203	21	221	139			79,355
E	49	6	9	78	28,631	1,431	353	10	173	105			30,845
F	26	48		11	174	10,091	345	11	61	5			10,772
G	21	2	3		5	49	8,820	18	43	33			8,994
H				1			30	2,386	5				2,422
L	1	1	1				1		2			1	7
P												15	15
Total	237,351	6,364	9,582	93,910	33,912	13,111	10,158	2,711	1,126	1,004	1	15	409,245