Assignment2 Part 1 Data

Ye Tangzhi 2014.10.22

在课程网站上可以直接下载hotel.csv 文件,内容和数据单位参考下图!

7 6 3 6 23 14 19 14 9 6 8 8 3 %————————————————————————————————	J	F	M	A	M	J	J	A	S	0	N	D		
7 6 3 6 23 14 19 14 9 6 8 8 3 %——— U.S.A. 0 0 0 0 8 6 6 4 2 12 0 0 4 %——— SOUTH AMERIC. 20 45 14 15 23 27 22 30 27 19 19 17 5 %——— EUROPE 1 0 0 8 6 4 6 4 2 4 0 1 6 %——— M.EAST. AFRICA. 3 10 6 0 3 13 8 9 5 2 5 2 7 %——— ASIA. 78 80 85 86 85 87 70 76 87 85 87 80 8 % BUSINESSMEN. 22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS. 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS. 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY————————————————————————————————————	26	21	26	28	20	20	20	20	20	40	15	40	1	% CLIENTELE FEMALE
7 6 3 6 23 14 19 14 9 6 8 8 3 %————————————————————————————————	69	70	77	71	37	36	39	39	55	60	68	72	2	% — " — LOCAL
20 45 14 15 23 27 22 30 27 19 19 17 5 %—"— EUROPE 1 0 0 8 6 4 6 4 2 1 0 1 6 %—"— M.EAST. AFRICA 3 10 6 0 3 13 8 9 5 2 5 2 7 %—"— ASIA 78 80 85 86 85 87 70 76 87 85 87 80 8 % BUSINESSMEN 22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY—"— 10 12 6 9 4 5 7 6 6 5 5 15 10 12 % AIR CREWS 2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEAR 25 27 37 35 25 25 27 28 24 30 24 30 14 %—"— 20-35 —" 48 49 42 48 54 55 53 51 55 46 55 43 15 %—"— 35-55 —" 48 49 42 48 54 55 53 51 55 46 55 43 15 %—"— MORE THAN 55 —" 25 22 17 15 19 19 19 19 19 20 19 22 16 %—"— MORE THAN 55 —" 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	7	6	3	6	23	14	19	14	9	6	8	8	3	% — " U.S.A.
1 0 0 8 6 4 6 4 2 1 0 1 6 % — M.EAST. AFRICA 3 10 6 0 3 13 8 9 5 2 5 2 7 % — M.EAST. AFRICA 78 80 85 86 85 87 70 76 87 85 87 80 8 % BUSINESSMEN 22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY — M— 10 12 6 9 4 5 7 6 6 5 15 10 12 % AIR CREWS 2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEAR 25 27 37 35 25 25 27 28 24 30 24 30 14 % — M— 20 35 -55 — M 48 49 42 48 54 55 53 51 55 46 55 43 15 % — M— MORE THAN 55 — M 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.74 18 LENGTH OF STAY	0	C	0	0	8	6	6	4	2	12	0	0	4	% SOUTH AMERICA
3 10 6 0 3 13 8 9 5 2 5 2 7 % — ASIA 78 80 85 86 85 87 70 76 87 85 87 80 8 % BUSINESSMEN 22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY — — — 10 12 6 9 4 5 7 6 6 5 15 10 12 % AIR CREWS 2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEA 25 27 37 35 25 25 27 28 24 30 24 30 14 % — — 20-35 — — 48 49 42 48 54 55 53 51 55 46 55 43 15 % — — 35-55 — — 26 16 174 152 155 145 170 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	20	15	14	15	23	27	25	30	27	19	19	17	5	% EUROPE
78 80 85 86 85 87 70 76 87 85 87 80 8 % BUSINESSMEN 22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY ————————————————————————————————————	1	0	0	8	6	4	6	4	2	1	0	7	6	% — // M.EAST, AFRICA
22 20 15 14 15 13 30 24 13 15 13 20 9 % TOURISTS 70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY ————————————————————————————————————	3	10	6	0	3	13	8	9	5	2	5	2	7	% —#— ASIA
70 70 75 74 69 68 74 75 68 68 64 75 10 % DIRECT RESERVATIONS 20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY ————————————————————————————————————	78	80	85	86	85	87	70	76	87	85	87	80	8	% BUSINESSMEN
20 18 19 17 27 27 19 19 26 27 21 15 11 % AGENCY — " 10 12 6 9 4 5 7 6 6 5 15 10 12 % AIR CREWS 2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEAR 25 27 37 35 25 25 27 28 24 30 24 30 14 % — " — 20-35 — " 48 49 42 48 54 55 53 57 55 46 55 43 15 % — " — 35-55 — " 25 22 17 15 19 19 19 19 19 20 19 22 16 % — " — MORE THAN 55 - " 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	22	20	15	14	15	13	30	24	13	15	13	20	9	% TOURISTS
10 12 6 9 4 5 7 6 6 5 15 10 12 % AIR CREWS 2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEAR 25 27 37 35 25 25 27 28 24 30 24 30 14 % — # 20-35 — # 48 49 42 48 54 55 53 51 55 46 55 43 15 % — # 35-55 — # 25 22 17 15 19 19 19 19 19 20 19 22 16 % — # MORE THAN 55 - # 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	70	70	75	74	69	68	74	75	68	68	64	75	10	% DIRECT RESERVATIONS
2 2 4 2 2 1 1 2 2 4 2 5 13 % CLIENTS UNDER 20 YEAR 25 27 37 35 25 25 27 28 24 30 24 30 14 % — # 20-35 — # 48 49 42 48 54 55 53 51 55 46 55 43 15 % — # 35-55 — # 25 22 17 15 19 19 19 19 19 20 19 22 16 % — # MORE THAN 55 - # 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	20	18	19	17	27	27	19	19	26	27	21	15	11	% AGENCY
25 27 37 35 25 25 27 28 24 30 24 30 14 % — //— 20-35 — // 48 49 42 48 54 55 53 57 55 46 55 43 15 % — //— 35-55 — // 25 22 17 15 19 19 19 19 19 20 19 22 16 % — //— MORE THAN 55 - // 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	10	12	6	9	4	5	7	6	6	5	15	10	12	% AIR CREWS
48 49 42 48 54 55 53 51 55 46 55 43 15 % ——— 35-55 ——— 25 22 17 15 19 19 19 19 19 20 19 22 16 % ——— MORE THAN 55-11 163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.71 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	2	2	4	2	2	1	1	2	2	4	2	5	13	% CLIENTS UNDER 20 YEARS
25 22 17 15 19 19 19 19 19 20 19 22 16 % — # MORE THAN 55 -# 163 167 166 174 152 155 145 170 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	25	27	37	35	25	25	27	28	24	30	24	30	14	%/- 20-35/-
163 167 166 174 152 155 145 176 157 174 165 156 17 PRICE OF ROOMS 1.65 1.77 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	48	49	42	48	54	55	53	51	55	46	55	43	15	%//- 35-55 -//-
1.65 1.7/ 1.65 1.91 1.90 2. 1.54 1.66 1.73 1.82 1.66 1.44 18 LENGTH OF STAY	25	22	17	15	19	19	19	19	19	20	19	22	16	%
	163	167	166	174	152	155	145	170	157	174	165	156	17	PRICE OF ROOMS
67 82 % 83 74 77 56 62 90 92 78 55 19 46 OCCUPANCY	1.65	1.71	1.65	1.91	1.90	2.	1.54	7.60	1.73	1.82	1.66	1.44	18	LENGTH OF STAY
01 01 10 10 11 10 10 10	67	82	70	83	74	77	56	62	90	92	78	55	19	% OCCUPANCY
X X X X X X X 20 CONVENTIONS				X	×	X			X	×	×	×	20	CONVENTIONS

hotel.csv 中一共有13行数据,第一行为数据属性名称,顺序和单位和上图中右侧属性相同。(例如第一个female表示第一列数据位入住女性的百分比,最后一列属性为conventions,图中打叉为1,否则为0)

从第二行开始每行代表一个月的数据,从1月至12月。

建议大家开始设计前先从理解数据开始,例如13,14,15,16列属性为年龄百分比,他们相加总是为100。