

DATA ANALYTICS WITH R, EXCEL AND TABLAEU

ASSIGNMENT Excel Analytics 28.1

ANSWERS

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5. Problem Statement

1. You are expected to submit the steps you followed for doing all the below subtasks.

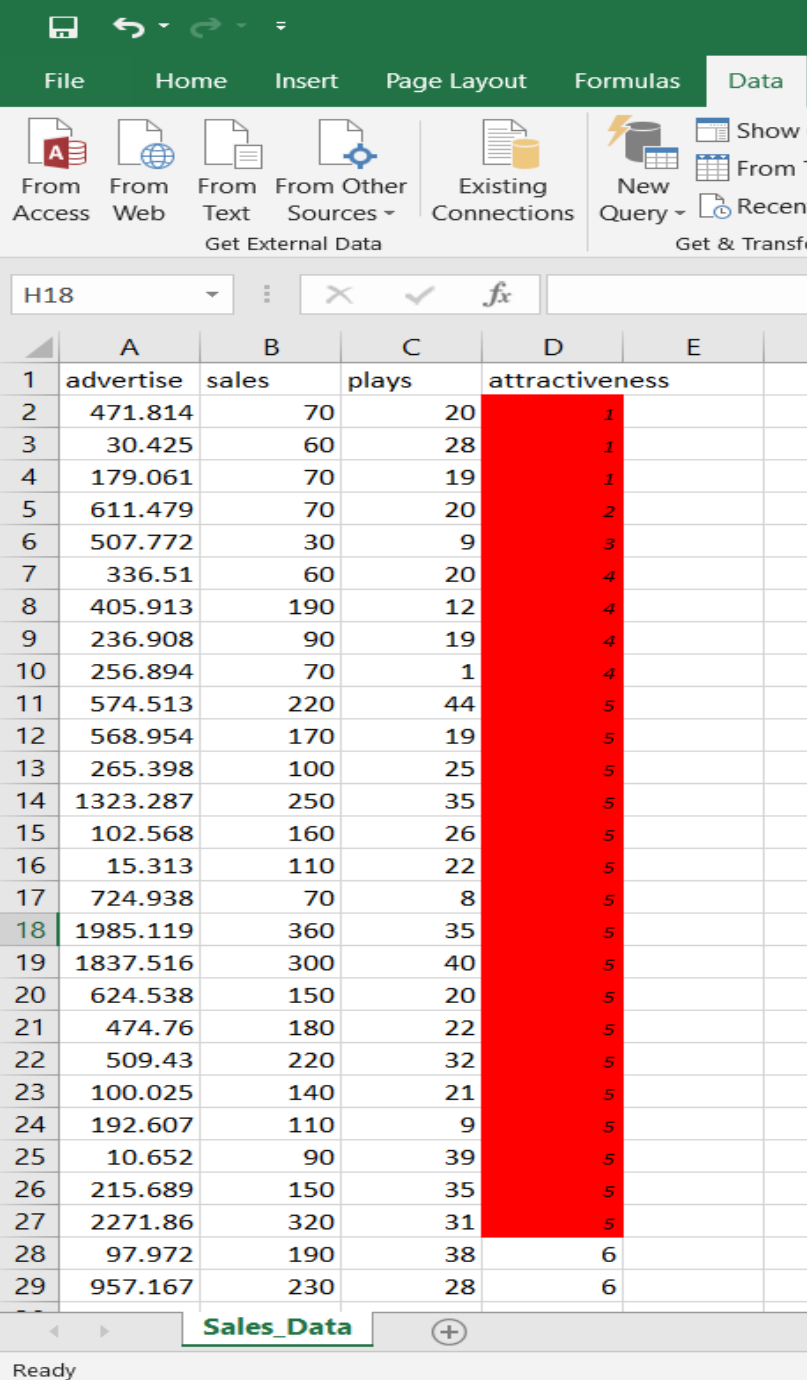
- Use the “Sales_Data.xml” file.
- Access the “xml” file in excel and save it to a comma delimited “csv” file.
- Make all the rows where “attractiveness<6” to Background color=red,font =8,font-type=italic.

Ans

	A	B	C	D	E
115	233.291	80	2	7	
116	1035.433	190	12	8	
117	102.642	90	5	9	
118	526.142	120	14	7	
119	624.538	150	20	5	
120	912.349	230	57	6	
121	215.994	150	19	8	
122	561.963	210	35	7	
123	474.76	180	22	5	
124	231.523	140	16	7	
125	678.596	360	53	7	
126	70.922	10	4	6	
127	1567.548	240	29	6	
128	263.598	270	43	7	
129	1423.568	290	26	7	
130	715.678	220	28	7	
131	777.237	230	37	8	
132	509.43	220	32	5	
133	964.11	240	34	7	
134	583.627	260	30	7	
135	923.373	170	15	7	
136	344.392	130	23	7	
137	1095.578	270	31	8	
138	100.025	140	21	5	
139	30.425	60	28	1	
140	1080.342	210	18	7	
141	799.899	210	28	7	
142	107.752	240	37	8	
143	893.355	210	26	6	

Hide all the rows by grouping where “attractiveness<6”

Ans

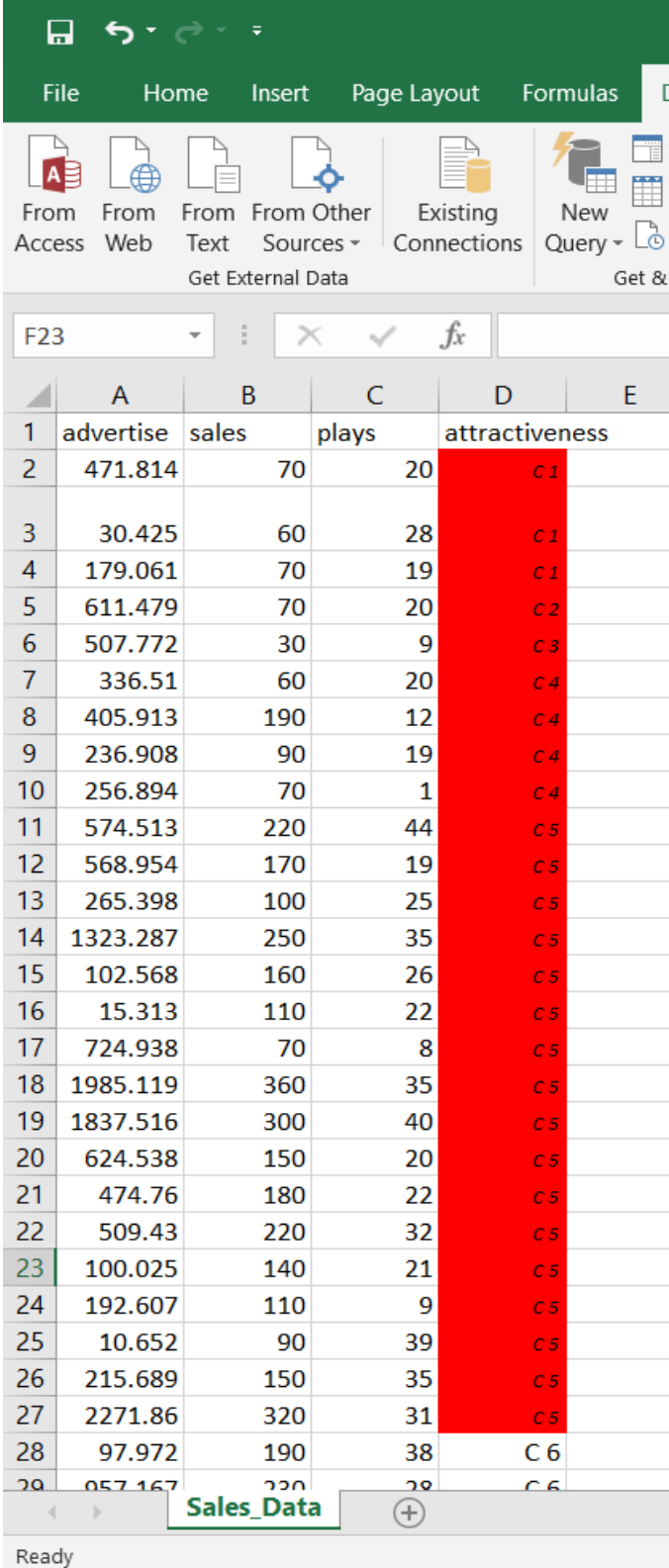


The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. The data table is titled 'Sales_Data' and contains the following columns: A (advertise), B (sales), C (plays), D (attractiveness), and E. The 'attractiveness' column (D) is highlighted in red for values less than 6. The table is sorted by 'attractiveness' in ascending order.

	A	B	C	D	E
1	advertise	sales	plays	attractiveness	
2	471.814	70	20	1	
3	30.425	60	28	1	
4	179.061	70	19	1	
5	611.479	70	20	2	
6	507.772	30	9	3	
7	336.51	60	20	4	
8	405.913	190	12	4	
9	236.908	90	19	4	
10	256.894	70	1	4	
11	574.513	220	44	5	
12	568.954	170	19	5	
13	265.398	100	25	5	
14	1323.287	250	35	5	
15	102.568	160	26	5	
16	15.313	110	22	5	
17	724.938	70	8	5	
18	1985.119	360	35	5	
19	1837.516	300	40	5	
20	624.538	150	20	5	
21	474.76	180	22	5	
22	509.43	220	32	5	
23	100.025	140	21	5	
24	192.607	110	9	5	
25	10.652	90	39	5	
26	215.689	150	35	5	
27	2271.86	320	31	5	
28	97.972	190	38	6	
29	957.167	230	28	6	

Prepend C before the number in attractiveness.

Ans:



	A	B	C	D	E
1	advertise	sales	plays	attractiveness	
2	471.814	70	20	C 1	
3	30.425	60	28	C 1	
4	179.061	70	19	C 1	
5	611.479	70	20	C 2	
6	507.772	30	9	C 3	
7	336.51	60	20	C 4	
8	405.913	190	12	C 4	
9	236.908	90	19	C 4	
10	256.894	70	1	C 4	
11	574.513	220	44	C 5	
12	568.954	170	19	C 5	
13	265.398	100	25	C 5	
14	1323.287	250	35	C 5	
15	102.568	160	26	C 5	
16	15.313	110	22	C 5	
17	724.938	70	8	C 5	
18	1985.119	360	35	C 5	
19	1837.516	300	40	C 5	
20	624.538	150	20	C 5	
21	474.76	180	22	C 5	
22	509.43	220	32	C 5	
23	100.025	140	21	C 5	
24	192.607	110	9	C 5	
25	10.652	90	39	C 5	
26	215.689	150	35	C 5	
27	2271.86	320	31	C 5	
28	97.972	190	38	C 6	
29	057.167	220	28	C 6	