

In [15]:

```
import pandas as pd
```

In [16]:

```
raw_csv_data = pd.read_csv('Absenteeism_data.csv')
raw_csv_data
```

Out[16]:

	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
0	11	26	07/07/2015	289	36	33	239.554	30	1	2	1	4
1	36	0	14/07/2015	118	13	50	239.554	31	1	1	0	0
2	3	23	15/07/2015	179	51	38	239.554	31	1	0	0	2
3	7	7	16/07/2015	279	5	39	239.554	24	1	2	0	4
4	11	23	23/07/2015	289	36	33	239.554	30	1	2	1	2
5	3	23	10/07/2015	179	51	38	239.554	31	1	0	0	2
6	10	22	17/07/2015	361	52	28	239.554	27	1	1	4	8
7	20	23	24/07/2015	260	50	36	239.554	23	1	4	0	4
8	14	19	06/07/2015	155	12	34	239.554	25	1	2	0	40
9	1	22	13/07/2015	235	11	37	239.554	29	3	1	1	8
10	20	1	20/07/2015	260	50	36	239.554	23	1	4	0	8
11	20	1	14/07/2015	260	50	36	239.554	23	1	4	0	8
12	20	11	15/07/2015	260	50	36	239.554	23	1	4	0	8
13	3	11	15/07/2015	179	51	38	239.554	31	1	0	0	1
14	3	23	15/07/2015	179	51	38	239.554	31	1	0	0	4
15	24	14	17/07/2015	246	25	41	239.554	23	1	0	0	8
16	3	23	17/07/2015	179	51	38	239.554	31	1	0	0	2
17	3	21	27/07/2015	179	51	38	239.554	31	1	0	0	8
18	6	11	30/07/2015	189	29	33	239.554	25	1	2	2	8
19	33	23	05/08/2015	248	25	47	205.917	32	1	2	1	2
20	18	10	12/08/2015	330	16	28	205.917	25	2	0	0	8
21	3	11	03/08/2015	179	51	38	205.917	31	1	0	0	1
22	10	13	10/08/2015	361	52	28	205.917	27	1	1	4	40
23	20	28	14/08/2015	260	50	36	205.917	23	1	4	0	4
24	11	18	17/08/2015	289	36	33	205.917	30	1	2	1	8
25	10	25	24/08/2015	361	52	28	205.917	27	1	1	4	7
26	11	23	04/08/2015	289	36	33	205.917	30	1	2	1	1
27	30	28	12/08/2015	157	27	29	205.917	22	1	0	0	4
28	11	18	19/08/2015	289	36	33	205.917	30	1	2	1	8
29	3	23	28/08/2015	179	51	38	205.917	31	1	0	0	2
30	3	18	17/08/2015	179	51	38	205.917	31	1	0	0	8
31	2	18	27/08/2015	235	29	48	205.917	33	1	1	5	8
32	1	23	27/08/2015	235	11	37	205.917	29	3	1	1	4
33	2	18	17/08/2015	235	29	48	205.917	33	1	1	5	8
34	3	23	17/08/2015	179	51	38	205.917	31	1	0	0	2
35	10	23	17/08/2015	361	52	28	205.917	27	1	1	4	1
36	11	24	04/08/2015	289	36	33	205.917	30	1	2	1	8
37	19	11	20/08/2015	291	50	32	205.917	23	1	0	0	4

38	2	Reason for	28	21/08/2015	Transportation	Distance	48	205.817	Body	Education	Children	Pets	Absenteeism
39	20	Absence	23	28/08/2015	Expense	to Work	Age	Daily Work Load Average	Mass Index	1	1	5	Time in Hours
										1	4	0	
40	27		23	01/09/2015	184	42	27	241.476	21	1	0	0	2
41	34		23	07/09/2015	118	10	37	241.476	28	1	0	0	4
42	3		23	01/09/2015	179	51	38	241.476	31	1	0	0	4
43	5		19	08/09/2015	235	20	43	241.476	38	1	1	0	8
44	14		23	09/09/2015	155	12	34	241.476	25	1	2	0	2
45	34		23	13/09/2015	118	10	37	241.476	28	1	0	0	3
46	3		23	14/09/2015	179	51	38	241.476	31	1	0	0	3
47	15		23	24/09/2015	291	31	40	241.476	25	1	1	1	4
48	20		22	04/09/2015	260	50	36	241.476	23	1	4	0	8
49	15		14	14/09/2015	291	31	40	241.476	25	1	1	1	32
50	20		0	21/09/2015	260	50	36	241.476	23	1	4	0	0
51	29		0	28/09/2015	225	26	28	241.476	24	1	1	2	0
52	28		23	08/09/2015	225	26	28	241.476	24	1	1	2	2
53	34		23	15/09/2015	118	10	37	241.476	28	1	0	0	2
54	11		0	22/09/2015	289	36	33	241.476	30	1	2	1	0
55	36		0	29/09/2015	118	13	50	241.476	31	1	1	0	0
56	28		18	16/09/2015	225	26	28	241.476	24	1	1	2	3
57	3		23	23/09/2015	179	51	38	241.476	31	1	0	0	3
58	13		0	30/09/2015	369	17	31	241.476	25	1	3	0	0
59	33		23	11/09/2015	248	25	47	241.476	32	1	2	1	1
60	3		23	18/09/2015	179	51	38	241.476	31	1	0	0	3
61	20		23	25/09/2015	260	50	36	241.476	23	1	4	0	4
62	3		23	06/10/2015	179	51	38	253.465	31	1	0	0	3
63	34		23	13/10/2015	118	10	37	253.465	28	1	0	0	3
64	36		0	14/10/2015	118	13	50	253.465	31	1	1	0	0
65	22		23	15/10/2015	179	26	30	253.465	19	3	0	0	1
66	3		23	16/10/2015	179	51	38	253.465	31	1	0	0	3
67	28		23	16/10/2015	225	26	28	253.465	24	1	1	2	3
68	34		23	06/10/2015	118	10	37	253.465	28	1	0	0	3
69	28		23	14/10/2015	225	26	28	253.465	24	1	1	2	2
70	33		23	21/10/2015	248	25	47	253.465	32	1	2	1	2
71	15		23	22/10/2015	291	31	40	253.465	25	1	1	1	5
72	3		23	21/10/2015	179	51	38	253.465	31	1	0	0	8
73	28		23	21/10/2015	225	26	28	253.465	24	1	1	2	3
74	20		19	22/10/2015	260	50	36	253.465	23	1	4	0	16
75	15		14	13/10/2015	291	31	40	253.465	25	1	1	1	8
76	28		28	20/10/2015	225	26	28	253.465	24	1	1	2	2
77	11		26	21/10/2015	289	36	33	253.465	30	1	2	1	8
78	10		23	23/10/2015	361	52	28	253.465	27	1	1	4	1
79	20		28	30/10/2015	260	50	36	253.465	23	1	4	0	3
80	3		23	05/11/2015	179	51	38	306.345	31	1	0	0	1
81	28		23	04/11/2015	225	26	28	306.345	24	1	1	2	1
82	3		13	05/11/2015	179	51	38	306.345	31	1	0	0	8
83	17		21	12/11/2015	179	22	40	306.345	22	2	2	0	8
84	15		23	19/11/2015	291	31	40	306.345	25	1	1	1	5
85	14		10	02/11/2015	155	12	34	306.345	25	1	2	0	32
86	6		22	09/11/2015	189	29	33	306.345	25	1	2	2	8
87	15		14	16/11/2015	291	31	40	306.345	25	1	1	1	40

88	28	23	18/11/2015	225	26	28	306.345	24	1	1	2	Absenteeism	1
89	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets		Time in Hours
90	28	23	18/11/2015	225	26	28	306.345	24	1	1	2		3
91	17	21	25/11/2015	179	22	40	306.345	22	2	2	0		8
92	28	13	20/11/2015	225	26	28	306.345	24	1	1	2		3
93	20	28	27/11/2015	260	50	36	306.345	23	1	4	0		4
94	33	28	02/11/2015	248	25	47	306.345	32	1	2	1		1
95	28	28	10/11/2015	225	26	28	306.345	24	1	1	2		3
96	11	7	11/11/2015	289	36	33	306.345	30	1	2	1		24
97	15	23	26/11/2015	291	31	40	306.345	25	1	1	1		3
98	33	23	01/12/2015	248	25	47	261.306	32	1	2	1		1
99	34	19	01/12/2015	118	10	37	261.306	28	1	0	0		64
100	36	23	02/12/2015	118	13	50	261.306	31	1	1	0		2
101	1	26	02/12/2015	235	11	37	261.306	29	3	1	1		8
102	28	23	03/12/2015	225	26	28	261.306	24	1	1	2		2
103	20	26	04/12/2015	260	50	36	261.306	23	1	4	0		8
104	34	19	08/12/2015	118	10	37	261.306	28	1	0	0		56
105	10	22	09/12/2015	361	52	28	261.306	27	1	1	4		8
106	28	28	10/12/2015	225	26	28	261.306	24	1	1	2		3
107	20	28	11/12/2015	260	50	36	261.306	23	1	4	0		3
108	28	23	15/12/2015	225	26	28	261.306	24	1	1	2		2
109	10	22	16/12/2015	361	52	28	261.306	27	1	1	4		8
110	34	27	11/12/2015	118	10	37	261.306	28	1	0	0		2
111	24	19	18/12/2015	246	25	41	261.306	23	1	0	0		8
112	28	23	18/12/2015	225	26	28	261.306	24	1	1	2		2
113	28	23	06/01/2016	225	26	28	308.593	24	1	1	2		1
114	34	19	04/01/2016	118	10	37	308.593	28	1	0	0		1
115	34	27	05/01/2016	118	10	37	308.593	28	1	0	0		1
116	14	18	05/01/2016	155	12	34	308.593	25	1	2	0		8
117	28	27	06/01/2016	225	26	28	308.593	24	1	1	2		2
118	27	23	07/01/2016	184	42	27	308.593	21	1	0	0		2
119	28	28	07/01/2016	225	26	28	308.593	24	1	1	2		2
120	28	27	08/01/2016	225	26	28	308.593	24	1	1	2		1
121	34	27	11/01/2016	118	10	37	308.593	28	1	0	0		2
122	28	27	12/01/2016	225	26	28	308.593	24	1	1	2		2
123	34	27	12/01/2016	118	10	37	308.593	28	1	0	0		2
124	34	27	13/01/2016	118	10	37	308.593	28	1	0	0		2
125	34	27	14/01/2016	118	10	37	308.593	28	1	0	0		2
126	34	27	15/01/2016	118	10	37	308.593	28	1	0	0		2
127	34	27	11/01/2016	118	10	37	308.593	28	1	0	0		2
128	34	27	12/01/2016	118	10	37	308.593	28	1	0	0		2
129	22	18	12/01/2016	179	26	30	308.593	19	3	0	0		8
130	11	18	12/01/2016	289	36	33	308.593	30	1	2	1		8
131	34	27	13/01/2016	118	10	37	308.593	28	1	0	0		2
132	27	23	21/01/2016	184	42	27	308.593	21	1	0	0		2
133	34	27	28/01/2016	118	10	37	308.593	28	1	0	0		2
134	34	27	25/01/2016	118	10	37	308.593	28	1	0	0		0
135	28	23	26/01/2016	225	26	28	308.593	24	1	1	2		1
136	11	22	28/01/2016	289	36	33	308.593	30	1	2	1		3
137	27	23	05/02/2016	184	42	27	302.585	21	1	0	0		1
138	24	1	03/02/2016	246	25	41	302.585	23	1	0	0		8

139	10	Reason for Absence	11	10/02/2016	179	51	34	302.585	25	1	0	0	Absenteeism Time in Hours
140	14		28	11/02/2016	155	12	34	302.585	25	1	2	0	2
141	6		23	11/02/2016	189	29	33	302.585	25	1	2	2	8
142	20		28	12/02/2016	260	50	36	302.585	23	1	4	0	2
143	11		22	12/02/2016	289	36	33	302.585	30	1	2	1	8
144	31		11	08/02/2016	388	15	50	302.585	24	1	0	0	8
145	31		1	09/02/2016	388	15	50	302.585	24	1	0	0	8
146	28		28	15/02/2016	225	26	28	302.585	24	1	1	2	2
147	28		23	09/02/2016	225	26	28	302.585	24	1	1	2	2
148	22		23	16/02/2016	179	26	30	302.585	19	3	0	0	1
149	27		23	23/02/2016	184	42	27	302.585	21	1	0	0	8
150	28		25	25/02/2016	225	26	28	302.585	24	1	1	2	3
151	18		18	15/02/2016	330	16	28	302.585	25	2	0	0	8
152	18		23	16/02/2016	330	16	28	302.585	25	2	0	0	1
153	28		23	17/02/2016	225	26	28	302.585	24	1	1	2	1
154	6		19	25/02/2016	189	29	33	302.585	25	1	2	2	8
155	19		28	01/03/2016	291	50	32	343.253	23	1	0	0	2
156	20		19	01/03/2016	260	50	36	343.253	23	1	4	0	8
157	30		19	08/03/2016	157	27	29	343.253	22	1	0	0	3
158	17		17	15/03/2016	179	22	40	343.253	22	2	2	0	8
159	15		22	16/03/2016	291	31	40	343.253	25	1	1	1	8
160	20		13	02/03/2016	260	50	36	343.253	23	1	4	0	8
161	22		13	03/03/2016	179	26	30	343.253	19	3	0	0	8
162	33		14	04/03/2016	248	25	47	343.253	32	1	2	1	3
163	20		13	04/03/2016	260	50	36	343.253	23	1	4	0	40
164	17		11	07/03/2016	179	22	40	343.253	22	2	2	0	40
165	14		1	14/03/2016	155	12	34	343.253	25	1	2	0	16
166	20		26	21/03/2016	260	50	36	343.253	23	1	4	0	16
167	14		13	22/03/2016	155	12	34	343.253	25	1	2	0	8
168	11		6	24/03/2016	289	36	33	343.253	30	1	2	1	8
169	17		8	24/03/2016	179	22	40	343.253	22	2	2	0	8
170	20		28	25/03/2016	260	50	36	343.253	23	1	4	0	4
171	28		23	25/03/2016	225	26	28	343.253	24	1	1	2	1
172	7		14	28/03/2016	279	5	39	343.253	24	1	2	0	8
173	3		13	29/03/2016	179	51	38	343.253	31	1	0	0	24
174	28		23	30/03/2016	225	26	28	343.253	24	1	1	2	2
175	28		11	28/03/2016	225	26	28	343.253	24	1	1	2	8
176	22		13	28/03/2016	179	26	30	343.253	19	3	0	0	1
177	28		11	29/03/2016	225	26	28	343.253	24	1	1	2	8
178	28		11	30/03/2016	225	26	28	343.253	24	1	1	2	16
179	3		13	30/03/2016	179	51	38	343.253	31	1	0	0	3
180	7		14	17/03/2016	279	5	39	343.253	24	1	2	0	16
181	28		28	18/03/2016	225	26	28	343.253	24	1	1	2	2
182	33		14	25/03/2016	248	25	47	343.253	32	1	2	1	3
183	28		28	28/03/2016	225	26	28	343.253	24	1	1	2	1
184	15		28	06/04/2016	291	31	40	326.452	25	1	1	1	1
185	28		23	13/04/2016	225	26	28	326.452	24	1	1	2	1
186	14		28	12/04/2016	155	12	34	326.452	25	1	2	0	1
187	24		13	13/04/2016	246	25	41	326.452	23	1	0	0	24
188	14		23	14/04/2016	155	12	34	326.452	25	1	2	0	1

189	28	Reason for Absence	15/04/2016	25	25	28	20	20	21	1	1	2	Absenteeism Time in Hours
ID	Age		Date	Transportation Expense	Distance to Work	Age	Weight	Daily Load Average	Body Mass Index	Education	Children	Pets	
190	20	28	15/04/2016	260	50	36	326.452	326.452	23	1	4	0	24
191	3	13	06/04/2016	179	51	38	326.452	326.452	31	1	0	0	24
192	36	23	07/04/2016	118	13	50	326.452	326.452	31	1	1	0	1
193	15	23	08/04/2016	291	31	40	326.452	326.452	25	1	1	1	3
194	24	14	08/04/2016	246	25	41	326.452	326.452	23	1	0	0	8
195	15	28	22/04/2016	291	31	40	326.452	326.452	25	1	1	1	1
196	33	28	29/04/2016	248	25	47	326.452	326.452	32	1	2	1	8
197	20	19	29/04/2016	260	50	36	326.452	326.452	23	1	4	0	56
198	11	19	26/04/2016	289	36	33	326.452	326.452	30	1	2	1	8
199	14	12	27/04/2016	155	12	34	326.452	326.452	25	1	2	0	24
200	23	19	27/04/2016	378	49	36	326.452	326.452	21	1	2	4	8
201	11	13	28/04/2016	289	36	33	326.452	326.452	30	1	2	1	16
202	1	7	08/04/2016	235	11	37	326.452	326.452	29	3	1	1	3
203	2	0	04/04/2016	235	29	48	326.452	326.452	33	1	1	5	0
204	11	13	04/05/2016	289	36	33	378.884	378.884	30	1	2	1	8
205	14	28	05/05/2016	155	12	34	378.884	378.884	25	1	2	0	2
206	14	28	02/05/2016	155	12	34	378.884	378.884	25	1	2	0	1
207	3	18	03/05/2016	179	51	38	378.884	378.884	31	1	0	0	8
208	28	19	03/05/2016	225	26	28	378.884	378.884	24	1	1	2	8
209	27	7	11/05/2016	184	42	27	378.884	378.884	21	1	0	0	4
210	14	28	09/05/2016	155	12	34	378.884	378.884	25	1	2	0	2
211	3	12	10/05/2016	179	51	38	378.884	378.884	31	1	0	0	1
212	11	13	04/05/2016	289	36	33	378.884	378.884	30	1	2	1	24
213	7	0	11/05/2016	279	5	39	378.884	378.884	24	1	2	0	0
214	18	0	18/05/2016	330	16	28	378.884	378.884	25	2	0	0	0
215	23	0	25/05/2016	378	49	36	378.884	378.884	21	1	2	4	0
216	31	0	25/05/2016	388	15	50	378.884	378.884	24	1	0	0	0
217	3	11	24/05/2016	179	51	38	378.884	378.884	31	1	0	0	1
218	36	13	11/05/2016	118	13	50	378.884	378.884	31	1	1	0	24
219	10	22	27/05/2016	361	52	28	378.884	378.884	27	1	1	4	8
220	24	19	06/06/2016	246	25	41	377.550	377.550	23	1	0	0	8
221	10	22	13/06/2016	361	52	28	377.550	377.550	27	1	1	4	8
222	24	10	14/06/2016	246	25	41	377.550	377.550	23	1	0	0	24
223	15	23	16/06/2016	291	31	40	377.550	377.550	25	1	1	1	4
224	24	10	17/06/2016	246	25	41	377.550	377.550	23	1	0	0	8
225	3	11	13/06/2016	179	51	38	377.550	377.550	31	1	0	0	8
226	14	23	20/06/2016	155	12	34	377.550	377.550	25	1	2	0	4
227	24	10	27/06/2016	246	25	41	377.550	377.550	23	1	0	0	8
228	36	13	29/06/2016	118	13	50	377.550	377.550	31	1	1	0	8
229	1	13	03/06/2016	235	11	37	377.550	377.550	29	3	1	1	16
230	36	23	07/06/2016	118	13	50	377.550	377.550	31	1	1	0	1
231	36	13	08/06/2016	118	13	50	377.550	377.550	31	1	1	0	80
232	23	22	09/06/2016	378	49	36	377.550	377.550	21	1	2	4	8
233	3	11	10/06/2016	179	51	38	377.550	377.550	31	1	0	0	2
234	32	28	20/06/2016	289	48	49	377.550	377.550	36	1	0	2	2
235	28	28	30/06/2016	225	26	28	377.550	377.550	24	1	1	2	2
236	14	19	05/07/2016	155	12	34	275.312	275.312	25	1	2	0	16
237	36	1	06/07/2016	118	13	50	275.312	275.312	31	1	1	0	8
238	34	5	08/07/2016	118	10	37	275.312	275.312	28	1	0	0	8

239	34	26	08/07/2016	118	10	37	275.312	28	1	0	0	Absenteeism	4
240	18	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours	8
241	22	18	14/07/2016	179	26	30	275.312	19	3	0	0	8	
242	14	25	15/07/2016	155	12	34	275.312	25	1	2	0	2	
243	18	1	18/07/2016	330	16	28	275.312	25	2	0	0	8	
244	18	1	19/07/2016	330	16	28	275.312	25	2	0	0	8	
245	30	25	18/07/2016	157	27	29	275.312	22	1	0	0	3	
246	10	22	19/07/2016	361	52	28	275.312	27	1	1	4	8	
247	11	26	20/07/2016	289	36	33	275.312	30	1	2	1	8	
248	3	26	21/07/2016	179	51	38	275.312	31	1	0	0	8	
249	11	19	11/07/2016	289	36	33	275.312	30	1	2	1	32	
250	11	19	14/07/2016	289	36	33	275.312	30	1	2	1	8	
251	20	0	21/07/2016	260	50	36	275.312	23	1	4	0	0	
252	11	19	04/08/2016	289	36	33	265.615	30	1	2	1	8	
253	30	19	11/08/2016	157	27	29	265.615	22	1	0	0	3	
254	11	23	07/08/2016	289	36	33	265.615	30	1	2	1	1	
255	9	18	08/08/2016	228	14	58	265.615	22	1	2	1	8	
256	26	13	10/08/2016	300	26	43	265.615	25	1	2	1	1	
257	26	14	10/08/2016	300	26	43	265.615	25	1	2	1	2	
258	20	28	11/08/2016	260	50	36	265.615	23	1	4	0	4	
259	11	23	08/08/2016	289	36	33	265.615	30	1	2	1	4	
260	33	23	09/08/2016	248	25	47	265.615	32	1	2	1	1	
261	21	11	10/08/2016	268	11	33	265.615	25	2	0	0	8	
262	22	23	10/08/2016	179	26	30	265.615	19	3	0	0	1	
263	36	13	10/08/2016	118	13	50	265.615	31	1	1	0	3	
264	33	25	14/08/2016	248	25	47	265.615	32	1	2	1	2	
265	1	23	15/08/2016	235	11	37	265.615	29	3	1	1	1	
266	36	23	17/08/2016	118	13	50	265.615	31	1	1	0	1	
267	1	19	24/08/2016	235	11	37	265.615	29	3	1	1	8	
268	10	8	08/08/2016	361	52	28	265.615	27	1	1	4	8	
269	27	6	30/08/2016	184	42	27	265.615	21	1	0	0	8	
270	3	11	05/09/2016	179	51	38	294.217	31	1	0	0	8	
271	3	23	09/09/2016	179	51	38	294.217	31	1	0	0	3	
272	11	19	07/09/2016	289	36	33	294.217	30	1	2	1	24	
273	5	0	08/09/2016	235	20	43	294.217	38	1	1	0	0	
274	24	9	12/09/2016	246	25	41	294.217	23	1	0	0	16	
275	15	28	13/09/2016	291	31	40	294.217	25	1	1	1	3	
276	8	0	13/09/2016	231	35	39	294.217	35	1	2	2	0	
277	19	0	13/09/2016	291	50	32	294.217	23	1	0	0	0	
278	3	13	14/09/2016	179	51	38	294.217	31	1	0	0	8	
279	24	9	14/09/2016	246	25	41	294.217	23	1	0	0	32	
280	3	23	15/09/2016	179	51	38	294.217	31	1	0	0	1	
281	15	28	16/09/2016	291	31	40	294.217	25	1	1	1	4	
282	20	28	16/09/2016	260	50	36	294.217	23	1	4	0	4	
283	5	26	14/09/2016	235	20	43	294.217	38	1	1	0	8	
284	36	28	15/09/2016	118	13	50	294.217	31	1	1	0	1	
285	5	0	15/09/2016	235	20	43	294.217	38	1	1	0	0	
286	15	28	16/09/2016	291	31	40	294.217	25	1	1	1	3	
287	15	7	26/09/2016	291	31	40	294.217	25	1	1	1	40	
288	3	13	26/09/2016	179	51	38	294.217	31	1	0	0	8	
289	11	21	05/10/2016	289	36	33	294.217	30	1	2	1	8	

289	11	24	05/10/2016	289	36	33	265.017	30	1	2	1	Absenteeism
290	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours
291	11	26	05/10/2016	289	36	33	265.017	30	1	2	1	8
292	11	22	06/10/2016	289	36	33	265.017	30	1	2	1	8
293	36	0	06/10/2016	118	13	50	265.017	31	1	1	0	0
294	33	0	06/10/2016	248	25	47	265.017	32	1	2	1	0
295	22	1	12/10/2016	179	26	30	265.017	19	3	0	0	8
296	34	7	12/10/2016	118	10	37	265.017	28	1	0	0	3
297	13	22	12/10/2016	369	17	31	265.017	25	1	3	0	8
298	3	28	14/10/2016	179	51	38	265.017	31	1	0	0	1
299	22	1	14/10/2016	179	26	30	265.017	19	3	0	0	64
300	5	0	14/10/2016	235	20	43	265.017	38	1	1	0	0
301	11	19	15/10/2016	289	36	33	265.017	30	1	2	1	16
302	20	28	16/10/2016	260	50	36	265.017	23	1	4	0	3
303	5	0	16/10/2016	235	20	43	265.017	38	1	1	0	0
304	5	23	19/10/2016	235	20	43	265.017	38	1	1	0	2
305	5	23	19/10/2016	235	20	43	265.017	38	1	1	0	2
306	36	28	20/10/2016	118	13	50	265.017	31	1	1	0	1
307	15	28	20/10/2016	291	31	40	265.017	25	1	1	1	4
308	22	23	22/10/2016	179	26	30	265.017	19	3	0	0	16
309	36	28	22/10/2016	118	13	50	265.017	31	1	1	0	1
310	10	10	26/10/2016	361	52	28	265.017	27	1	1	4	8
311	20	0	27/10/2016	260	50	36	265.017	23	1	4	0	0
312	15	0	27/10/2016	291	31	40	265.017	25	1	1	1	0
313	30	0	27/10/2016	157	27	29	265.017	22	1	0	0	0
314	22	1	28/10/2016	179	26	30	265.017	19	3	0	0	5
315	22	7	28/10/2016	179	26	30	265.017	19	3	0	0	5
316	36	23	29/10/2016	118	13	50	265.017	31	1	1	0	1
317	34	11	07/11/2016	118	10	37	284.031	28	1	0	0	8
318	33	23	07/11/2016	248	25	47	284.031	32	1	2	1	2
319	3	6	08/11/2016	179	51	38	284.031	31	1	0	0	8
320	20	28	11/11/2016	260	50	36	284.031	23	1	4	0	3
321	15	23	14/11/2016	291	31	40	284.031	25	1	1	1	1
322	23	1	14/11/2016	378	49	36	284.031	21	1	2	4	8
323	14	11	14/11/2016	155	12	34	284.031	25	1	2	0	120
324	5	26	14/11/2016	235	20	43	284.031	38	1	1	0	8
325	18	0	15/11/2016	330	16	28	284.031	25	2	0	0	0
326	1	18	16/11/2016	235	11	37	284.031	29	3	1	1	1
327	34	11	16/11/2016	118	10	37	284.031	28	1	0	0	3
328	1	25	17/11/2016	235	11	37	284.031	29	3	1	1	2
329	3	28	17/11/2016	179	51	38	284.031	31	1	0	0	3
330	24	13	18/11/2016	246	25	41	284.031	23	1	0	0	8
331	15	12	18/11/2016	291	31	40	284.031	25	1	1	1	4
332	24	13	21/11/2016	246	25	41	284.031	23	1	0	0	8
333	3	28	22/11/2016	179	51	38	284.031	31	1	0	0	1
334	20	10	23/11/2016	260	50	36	284.031	23	1	4	0	8
335	20	15	25/11/2016	260	50	36	284.031	23	1	4	0	8
336	23	0	25/11/2016	378	49	36	284.031	21	1	2	4	0
337	7	0	29/11/2016	279	5	39	284.031	24	1	2	0	0
338	3	23	24/11/2016	179	51	38	284.031	31	1	0	0	1
339	28	12	05/12/2016	225	26	28	236.629	24	1	1	2	3

340	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
341	3	28	05/12/2016	179	51	38	236.629	31	1	0	0	3
342	1	23	05/12/2016	235	11	37	236.629	29	3	1	1	3
343	36	28	06/12/2016	118	13	50	236.629	31	1	1	0	1
344	20	28	09/12/2016	260	50	36	236.629	23	1	4	0	4
345	24	4	15/12/2016	246	25	41	236.629	23	1	0	0	8
346	3	28	15/12/2016	179	51	38	236.629	31	1	0	0	1
347	3	28	16/12/2016	179	51	38	236.629	31	1	0	0	1
348	22	23	20/12/2016	179	26	30	236.629	19	3	0	0	1
349	34	25	20/12/2016	118	10	37	236.629	28	1	0	0	8
350	1	25	22/12/2016	235	11	37	236.629	29	3	1	1	2
351	3	28	23/12/2016	179	51	38	236.629	31	1	0	0	1
352	5	13	20/12/2016	235	20	43	236.629	38	1	1	0	8
353	1	14	20/12/2016	235	11	37	236.629	29	3	1	1	4
354	20	26	21/12/2016	260	50	36	236.629	23	1	4	0	8
355	30	28	19/12/2016	157	27	29	236.629	22	1	0	0	2
356	3	28	19/12/2016	179	51	38	236.629	31	1	0	0	3
357	11	19	19/12/2016	289	36	33	236.629	30	1	2	1	8
358	28	23	04/01/2017	225	26	28	330.061	24	1	1	2	5
359	34	19	09/01/2017	118	10	37	330.061	28	1	0	0	32
360	14	23	09/01/2017	155	12	34	330.061	25	1	2	0	2
361	1	13	03/01/2017	235	11	37	330.061	29	3	1	1	1
362	14	23	03/01/2017	155	12	34	330.061	25	1	2	0	4
363	11	26	09/01/2017	289	36	33	330.061	30	1	2	1	8
364	15	3	11/01/2017	291	31	40	330.061	25	1	1	1	8
365	5	26	16/01/2017	235	20	43	330.061	38	1	1	0	8
366	36	26	16/01/2017	118	13	50	330.061	31	1	1	0	4
367	3	28	25/01/2017	179	51	38	330.061	31	1	0	0	1
368	3	28	27/01/2017	179	51	38	330.061	31	1	0	0	1
369	34	28	07/02/2017	118	10	37	251.818	28	1	0	0	2
370	3	27	01/02/2017	179	51	38	251.818	31	1	0	0	3
371	28	7	01/02/2017	225	26	28	251.818	24	1	1	2	1
372	11	22	03/02/2017	289	36	33	251.818	30	1	2	1	3
373	20	28	10/02/2017	260	50	36	251.818	23	1	4	0	3
374	3	23	17/02/2017	179	51	38	251.818	31	1	0	0	3
375	3	27	13/02/2017	179	51	38	251.818	31	1	0	0	2
376	3	27	15/02/2017	179	51	38	251.818	31	1	0	0	3
377	3	10	16/02/2017	179	51	38	251.818	31	1	0	0	8
378	24	26	16/02/2017	246	25	41	251.818	23	1	0	0	8
379	3	27	17/02/2017	179	51	38	251.818	31	1	0	0	3
380	6	22	13/02/2017	189	29	33	251.818	25	1	2	2	8
381	3	27	13/02/2017	179	51	38	251.818	31	1	0	0	3
382	24	23	21/02/2017	246	25	41	251.818	23	1	0	0	2
383	15	23	21/02/2017	291	31	40	251.818	25	1	1	1	2
384	30	11	22/02/2017	157	27	29	251.818	22	1	0	0	16
385	3	27	22/02/2017	179	51	38	251.818	31	1	0	0	3
386	3	27	24/02/2017	179	51	38	251.818	31	1	0	0	3
387	24	10	24/02/2017	246	25	41	251.818	23	1	0	0	24
388	3	27	22/02/2017	179	51	38	251.818	31	1	0	0	3
389	3	27	24/02/2017	179	51	38	251.818	31	1	0	0	3



390	34	18	07/03/2017	118	10	37	244.387	23	1	0	0	Absenteeism
ID	Reason for	Date	Transportation	Distance	Age	Daily Work	Body	Education	Children	Pets	Time in	
391	24	28	08/03/2017	235	25	41	244.387	23	1	0	0	Hours
392	24	28	10/03/2017	246	25	41	244.387	23	1	0	0	2
393	20	28	10/03/2017	260	50	36	244.387	23	1	4	0	4
394	3	28	13/03/2017	179	51	38	244.387	31	1	0	0	2
395	1	22	13/03/2017	235	11	37	244.387	29	3	1	1	8
396	17	22	14/03/2017	179	22	40	244.387	22	2	2	0	8
397	23	22	14/03/2017	378	49	36	244.387	21	1	2	4	8
398	3	28	20/03/2017	179	51	38	244.387	31	1	0	0	16
399	10	22	22/03/2017	361	52	28	244.387	27	1	1	4	8
400	13	0	22/03/2017	369	17	31	244.387	25	1	3	0	0
401	1	21	23/03/2017	235	11	37	244.387	29	3	1	1	8
402	36	23	24/03/2017	118	13	50	244.387	31	1	1	0	2
403	36	14	28/03/2017	118	13	50	244.387	31	1	1	0	3
404	36	13	29/03/2017	118	13	50	244.387	31	1	1	0	8
405	1	0	30/03/2017	235	11	37	244.387	29	3	1	1	0
406	24	0	30/03/2017	246	25	41	244.387	23	1	0	0	0
407	36	0	30/03/2017	118	13	50	244.387	31	1	1	0	0
408	3	28	31/03/2017	179	51	38	244.387	31	1	0	0	8
409	11	22	31/03/2017	289	36	33	244.387	30	1	2	1	8
410	20	19	27/03/2017	260	50	36	244.387	23	1	4	0	8
411	24	28	28/03/2017	246	25	41	244.387	23	1	0	0	2
412	3	28	05/04/2017	179	51	38	239.409	31	1	0	0	4
413	20	28	07/04/2017	260	50	36	239.409	23	1	4	0	3
414	18	26	07/04/2017	330	16	28	239.409	25	2	0	0	4
415	13	22	10/04/2017	369	17	31	239.409	25	1	3	0	4
416	33	26	10/04/2017	248	25	47	239.409	32	1	2	1	4
417	18	23	12/04/2017	330	16	28	239.409	25	2	0	0	8
418	3	28	12/04/2017	179	51	38	239.409	31	1	0	0	8
419	36	23	17/04/2017	118	13	50	239.409	31	1	1	0	1
420	36	13	19/04/2017	118	13	50	239.409	31	1	1	0	120
421	26	28	28/04/2017	300	26	43	239.409	25	1	2	1	8
422	20	28	28/04/2017	260	50	36	239.409	23	1	4	0	4
423	3	28	24/04/2017	179	51	38	239.409	31	1	0	0	4
424	34	11	26/04/2017	118	10	37	239.409	28	1	0	0	2
425	5	13	01/05/2017	235	20	43	246.074	38	1	1	0	16
426	33	23	03/05/2017	248	25	47	246.074	32	1	2	1	2
427	13	10	08/05/2017	369	17	31	246.074	25	1	3	0	8
428	22	23	10/05/2017	179	26	30	246.074	19	3	0	0	3
429	3	28	10/05/2017	179	51	38	246.074	31	1	0	0	4
430	10	23	11/05/2017	361	52	28	246.074	27	1	1	4	1
431	20	28	12/05/2017	260	50	36	246.074	23	1	4	0	3
432	17	11	15/05/2017	179	22	40	246.074	22	2	2	0	2
433	17	8	15/05/2017	179	22	40	246.074	22	2	2	0	3
434	9	18	17/05/2017	228	14	58	246.074	22	1	2	1	8
435	28	25	17/05/2017	225	26	28	246.074	24	1	1	2	3
436	18	13	19/05/2017	330	16	28	246.074	25	2	0	0	8
437	22	25	22/05/2017	179	26	30	246.074	19	3	0	0	2
438	34	28	22/05/2017	118	10	37	246.074	28	1	0	0	1
439	1	1	29/05/2017	235	11	37	246.074	29	3	1	1	8
440	22	22	29/05/2017	179	22	40	246.074	22	2	2	0	3

440	22	23	31/05/2017	179	26	30	246.074	19	3	0	0	3
441	34	23	05/06/2017	118	10	38	253.957	31	1	0	0	2
442	3	28	05/06/2017	179	51	38	253.957	31	1	0	0	3
443	34	28	06/06/2017	118	10	37	253.957	28	1	0	0	2
444	28	23	08/06/2017	225	26	28	253.957	24	1	1	2	4
445	20	28	09/06/2017	260	50	36	253.957	23	1	4	0	4
446	3	0	09/06/2017	179	51	38	253.957	31	1	0	0	0
447	15	13	12/06/2017	291	31	40	253.957	25	1	1	1	40
448	3	28	12/06/2017	179	51	38	253.957	31	1	0	0	24
449	24	28	13/06/2017	246	25	41	253.957	23	1	0	0	3
450	3	28	19/06/2017	179	51	38	253.957	31	1	0	0	4
451	5	26	20/06/2017	235	20	43	253.957	38	1	1	0	8
452	3	28	26/06/2017	179	51	38	253.957	31	1	0	0	2
453	28	23	28/06/2017	225	26	28	253.957	24	1	1	2	2
454	36	23	28/06/2017	118	13	50	253.957	31	1	1	0	2
455	3	5	28/06/2017	179	51	38	253.957	31	1	0	0	8
456	22	21	28/06/2017	179	26	30	253.957	19	3	0	0	2
457	24	28	30/06/2017	246	25	41	253.957	23	1	0	0	2
458	18	11	27/06/2017	330	16	28	253.957	25	2	0	0	1
459	1	13	27/06/2017	235	11	37	253.957	29	3	1	1	8
460	22	23	06/07/2017	179	26	30	230.290	19	3	0	0	2
461	28	25	06/07/2017	225	26	28	230.290	24	1	1	2	4
462	20	13	07/07/2017	260	50	36	230.290	23	1	4	0	8
463	21	7	10/07/2017	268	11	33	230.290	25	2	0	0	8
464	18	25	14/07/2017	330	16	28	230.290	25	2	0	0	8
465	34	26	14/07/2017	118	10	37	230.290	28	1	0	0	8
466	20	26	17/07/2017	260	50	36	230.290	23	1	4	0	4
467	34	28	18/07/2017	118	10	37	230.290	28	1	0	0	8
468	26	15	24/07/2017	300	26	43	230.290	25	1	2	1	8
469	2	23	24/07/2017	235	29	48	230.290	33	1	1	5	1
470	24	28	25/07/2017	246	25	41	230.290	23	1	0	0	2
471	28	9	25/07/2017	225	26	28	230.290	24	1	1	2	112
472	3	28	25/07/2017	179	51	38	230.290	31	1	0	0	1
473	36	23	28/07/2017	118	13	50	230.290	31	1	1	0	1
474	10	22	28/07/2017	361	52	28	230.290	27	1	1	4	8
475	11	22	24/07/2017	289	36	33	230.290	30	1	2	1	8
476	5	26	24/07/2017	235	20	43	230.290	38	1	1	0	8
477	24	28	25/07/2017	246	25	41	230.290	23	1	0	0	2
478	15	28	27/07/2017	291	31	40	230.290	25	1	1	1	1
479	7	23	27/07/2017	279	5	39	230.290	24	1	2	0	2
480	3	25	03/08/2017	179	51	38	249.797	31	1	0	0	4
481	17	25	07/08/2017	179	22	40	249.797	22	2	2	0	1
482	24	28	08/08/2017	246	25	41	249.797	23	1	0	0	4
483	34	28	08/08/2017	118	10	37	249.797	28	1	0	0	4
484	11	26	08/08/2017	289	36	33	249.797	30	1	2	1	8
485	5	26	08/08/2017	235	20	43	249.797	38	1	1	0	8
486	15	28	10/08/2017	291	31	40	249.797	25	1	1	1	4
487	3	25	14/08/2017	179	51	38	249.797	31	1	0	0	4
488	17	25	15/08/2017	179	22	40	249.797	22	2	2	0	8
489	18	23	17/08/2017	330	16	28	249.797	25	2	0	0	16
490	1	23	22/08/2017	235	11	37	249.797	29	3	1	1	4

491	24	10	Reason for Absence	22/08/2017	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
492	34	28	28	22/08/2017	118	10	37	249.797	28	1	0	0	5
493	15	28	24/08/2017		291	31	40	249.797	25	1	1	1	2
494	20	28	28/08/2017		260	50	36	249.797	23	1	4	0	3
495	24	28	05/09/2017		246	25	41	261.756	23	1	0	0	1
496	24	28	05/09/2017		246	25	41	261.756	23	1	0	0	1
497	34	28	05/09/2017		118	10	37	261.756	28	1	0	0	3
498	14	23	05/09/2017		155	12	34	261.756	25	1	2	0	2
499	15	28	07/09/2017		291	31	40	261.756	25	1	1	1	2
500	22	23	08/09/2017		179	26	30	261.756	19	3	0	0	8
501	33	23	08/09/2017		248	25	47	261.756	32	1	2	1	1
502	3	23	11/09/2017		179	51	38	261.756	31	1	0	0	4
503	28	23	13/09/2017		225	26	28	261.756	24	1	1	2	1
504	22	23	18/09/2017		179	26	30	261.756	19	3	0	0	2
505	13	23	19/09/2017		369	17	31	261.756	25	1	3	0	8
506	10	22	26/09/2017		361	52	28	261.756	27	1	1	4	8
507	32	4	05/10/2017		289	48	49	284.853	36	1	0	2	1
508	25	11	05/10/2017		235	16	32	284.853	25	3	0	0	3
509	24	26	06/10/2017		246	25	41	284.853	23	1	0	0	8
510	32	14	11/10/2017		289	48	49	284.853	36	1	0	2	3
511	15	28	11/10/2017		291	31	40	284.853	25	1	1	1	2
512	34	23	17/10/2017		118	10	37	284.853	28	1	0	0	2
513	32	23	19/10/2017		289	48	49	284.853	36	1	0	2	2
514	15	23	20/10/2017		291	31	40	284.853	25	1	1	1	1
515	28	23	24/10/2017		225	26	28	284.853	24	1	1	2	2
516	13	23	24/10/2017		369	17	31	284.853	25	1	3	0	8
517	13	23	24/10/2017		369	17	31	284.853	25	1	3	0	3
518	28	23	24/10/2017		225	26	28	284.853	24	1	1	2	4
519	13	26	24/10/2017		369	17	31	284.853	25	1	3	0	8
520	3	28	25/10/2017		179	51	38	284.853	31	1	0	0	3
521	9	1	25/10/2017		228	14	58	284.853	22	1	2	1	1
522	15	23	25/10/2017		291	31	40	284.853	25	1	1	1	1
523	13	10	26/10/2017		369	17	31	284.853	25	1	3	0	8
524	28	13	26/10/2017		225	26	28	284.853	24	1	1	2	1
525	13	10	27/10/2017		369	17	31	284.853	25	1	3	0	8
526	28	10	27/10/2017		225	26	28	284.853	24	1	1	2	3
527	6	23	29/10/2017		189	29	33	284.853	25	1	2	2	8
528	25	6	29/10/2017		235	16	32	284.853	25	3	0	0	8
529	33	10	29/10/2017		248	25	47	284.853	32	1	2	1	8
530	28	0	29/10/2017		225	26	28	284.853	24	1	1	2	0
531	28	13	31/10/2017		225	26	28	284.853	24	1	1	2	3
532	3	21	07/11/2017		179	51	38	268.519	31	1	0	0	1
533	34	28	08/11/2017		118	10	37	268.519	28	1	0	0	3
534	18	2	08/11/2017		330	16	28	268.519	25	2	0	0	24
535	3	28	10/11/2017		179	51	38	268.519	31	1	0	0	1
536	34	9	14/11/2017		118	10	37	268.519	28	1	0	0	8
537	11	24	15/11/2017		289	36	33	268.519	30	1	2	1	8
538	25	1	17/11/2017		235	16	32	268.519	25	3	0	0	8
539	28	23	17/11/2017		225	26	28	268.519	24	1	1	2	4
540	10	22	21/11/2017		361	52	28	268.519	27	1	1	4	8

541	15	Reason for	28	22/11/2017	291	31	40	268.519	Body	1	1	1	Absenteeism
542	34	Absence	13	23/11/2017	118	10	37	268.519	Mass	1	0	0	Time in
				Date	Expense	to Work	Age	Daily Work	Index	Education	Children	Pets	Hours
543	28		14	23/11/2017	225	26	28	268.519	24	1	1	2	3
544	3		28	27/11/2017	179	51	38	268.519	31	1	0	0	1
545	34		23	27/11/2017	118	10	37	268.519	28	1	0	0	8
546	34		8	28/11/2017	118	10	37	268.519	28	1	0	0	8
547	28		23	28/11/2017	225	26	28	268.519	24	1	1	2	2
548	15		0	28/11/2017	291	31	40	268.519	25	1	1	1	0
549	11		0	29/11/2017	289	36	33	268.519	30	1	2	1	0
550	33		14	30/11/2017	248	25	47	268.519	32	1	2	1	4
551	5		0	30/11/2017	235	20	43	268.519	38	1	1	0	0
552	28		23	24/11/2017	225	26	28	268.519	24	1	1	2	2
553	13		26	24/11/2017	369	17	31	268.519	25	1	3	0	8
554	10		28	27/11/2017	361	52	28	268.519	27	1	1	4	2
555	3		13	05/12/2017	179	51	38	280.549	31	1	0	0	32
556	15		28	06/12/2017	291	31	40	280.549	25	1	1	1	1
557	28		23	06/12/2017	225	26	28	280.549	24	1	1	2	3
558	22		13	08/12/2017	179	26	30	280.549	19	3	0	0	1
559	28		23	08/12/2017	225	26	28	280.549	24	1	1	2	3
560	28		23	13/12/2017	225	26	28	280.549	24	1	1	2	3
561	10		14	14/12/2017	361	52	28	280.549	27	1	1	4	4
562	17		18	15/12/2017	179	22	40	280.549	22	2	2	0	2
563	5		26	15/12/2017	235	20	43	280.549	38	1	1	0	8
564	12		18	18/12/2017	233	51	31	280.549	21	2	1	8	8
565	22		13	19/12/2017	179	26	30	280.549	19	3	0	0	16
566	28		23	19/12/2017	225	26	28	280.549	24	1	1	2	2
567	28		23	21/12/2017	225	26	28	280.549	24	1	1	2	3
568	28		23	18/12/2017	225	26	28	280.549	24	1	1	2	2
569	14		18	19/12/2017	155	12	34	280.549	25	1	2	0	80
570	22		12	01/01/2018	179	26	30	313.532	19	3	0	0	24
571	22		12	04/01/2018	179	26	30	313.532	19	3	0	0	16
572	17		25	04/01/2018	179	22	40	313.532	22	2	2	0	2
573	17		25	05/01/2018	179	22	40	313.532	22	2	2	0	2
574	22		13	08/01/2018	179	26	30	313.532	19	3	0	0	3
575	17		25	10/01/2018	179	22	40	313.532	22	2	2	0	2
576	32		10	11/01/2018	289	48	49	313.532	36	1	0	2	8
577	17		18	12/01/2018	179	22	40	313.532	22	2	2	0	3
578	22		27	15/01/2018	179	26	30	313.532	19	3	0	0	2
579	14		18	16/01/2018	155	12	34	313.532	25	1	2	0	8
580	22		27	17/01/2018	179	26	30	313.532	19	3	0	0	2
581	3		27	17/01/2018	179	51	38	313.532	31	1	0	0	3
582	11		13	17/01/2018	289	36	33	313.532	30	1	2	1	8
583	3		27	18/01/2018	179	51	38	313.532	31	1	0	0	3
584	3		27	26/01/2018	179	51	38	313.532	31	1	0	0	2
585	3		13	06/02/2018	179	51	38	264.249	31	1	0	0	8
586	28		23	06/02/2018	225	26	28	264.249	24	1	1	2	3
587	33		1	07/02/2018	248	25	47	264.249	32	1	2	1	8
588	3		27	07/02/2018	179	51	38	264.249	31	1	0	0	2
589	28		28	08/02/2018	225	26	28	264.249	24	1	1	2	3
590	3		27	08/02/2018	179	51	38	264.249	31	1	0	0	2

591	22	27	08/02/2018	179	26	30	264.249	19	3	0	0	Absenteeism	2
592	29	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours	
593	3	27	09/02/2018	179	51	38	264.249	31	1	0	0	2	
594	12	19	12/02/2018	233	51	31	264.249	21	2	1	8	2	
595	3	27	12/02/2018	179	51	38	264.249	31	1	0	0	2	
596	28	7	13/02/2018	225	26	28	264.249	24	1	1	2	8	
597	3	27	14/02/2018	179	51	38	264.249	31	1	0	0	3	
598	3	27	15/02/2018	179	51	38	264.249	31	1	0	0	3	
599	28	25	15/02/2018	225	26	28	264.249	24	1	1	2	3	
600	22	13	15/02/2018	179	26	30	264.249	19	3	0	0	2	
601	17	23	16/02/2018	179	22	40	264.249	22	2	2	0	2	
602	3	27	16/02/2018	179	51	38	264.249	31	1	0	0	3	
603	12	12	21/02/2018	233	51	31	264.249	21	2	1	8	3	
604	22	27	21/02/2018	179	26	30	264.249	19	3	0	0	2	
605	3	27	21/02/2018	179	51	38	264.249	31	1	0	0	2	
606	3	13	22/02/2018	179	51	38	264.249	31	1	0	0	8	
607	3	27	23/02/2018	179	51	38	264.249	31	1	0	0	2	
608	14	25	26/02/2018	155	12	34	264.249	25	1	2	0	5	
609	25	25	26/02/2018	235	16	32	264.249	25	3	0	0	3	
610	3	27	26/02/2018	179	51	38	264.249	31	1	0	0	2	
611	28	7	26/02/2018	225	26	28	264.249	24	1	1	2	2	
612	3	27	27/02/2018	179	51	38	264.249	31	1	0	0	2	
613	33	23	27/02/2018	248	25	47	264.249	32	1	2	1	2	
614	28	25	27/02/2018	225	26	28	264.249	24	1	1	2	2	
615	3	27	28/02/2018	179	51	38	264.249	31	1	0	0	2	
616	3	27	22/02/2018	179	51	38	264.249	31	1	0	0	2	
617	25	25	23/02/2018	235	16	32	264.249	25	3	0	0	2	
618	3	27	05/03/2018	179	51	38	222.196	31	1	0	0	2	
619	33	23	05/03/2018	248	25	47	222.196	32	1	2	1	2	
620	9	25	06/03/2018	228	14	58	222.196	22	1	2	1	3	
621	33	25	06/03/2018	248	25	47	222.196	32	1	2	1	3	
622	9	12	06/03/2018	228	14	58	222.196	22	1	2	1	112	
623	3	27	07/03/2018	179	51	38	222.196	31	1	0	0	2	
624	28	27	08/03/2018	225	26	28	222.196	24	1	1	2	2	
625	3	27	08/03/2018	179	51	38	222.196	31	1	0	0	3	
626	28	25	08/03/2018	225	26	28	222.196	24	1	1	2	2	
627	22	27	09/03/2018	179	26	30	222.196	19	3	0	0	3	
628	25	25	12/03/2018	235	16	32	222.196	25	3	0	0	3	
629	10	19	12/03/2018	361	52	28	222.196	27	1	1	4	8	
630	3	13	13/03/2018	179	51	38	222.196	31	1	0	0	8	
631	3	27	14/03/2018	179	51	38	222.196	31	1	0	0	2	
632	3	27	15/03/2018	179	51	38	222.196	31	1	0	0	3	
633	22	27	16/03/2018	179	26	30	222.196	19	3	0	0	2	
634	3	10	19/03/2018	179	51	38	222.196	31	1	0	0	4	
635	33	13	19/03/2018	248	25	47	222.196	32	1	2	1	2	
636	3	27	19/03/2018	179	51	38	222.196	31	1	0	0	3	
637	28	7	19/03/2018	225	26	28	222.196	24	1	1	2	8	
638	3	27	20/03/2018	179	51	38	222.196	31	1	0	0	2	
639	11	23	21/03/2018	289	36	33	222.196	30	1	2	1	8	
640	9	25	21/03/2018	228	14	58	222.196	22	1	2	1	2	
641	3	27	21/03/2018	179	51	38	222.196	31	1	0	0	2	

642	3	23	22/03/2018	248	25	38	222.196	31	1	0	0	Absenteeism Time in Hours
643	3	27	22/03/2018	179	51	38	222.196	31	1	0	0	3
644	22	23	23/03/2018	179	26	30	222.196	19	3	0	0	2
645	3	27	23/03/2018	179	51	38	222.196	31	1	0	0	3
646	3	27	27/03/2018	179	51	38	222.196	31	1	0	0	3
647	16	23	28/03/2018	118	15	46	222.196	25	1	2	0	8
648	14	13	28/03/2018	155	12	34	222.196	25	1	2	0	24
649	3	27	28/03/2018	179	51	38	222.196	31	1	0	0	3
650	3	27	29/03/2018	179	51	38	222.196	31	1	0	0	3
651	22	13	26/03/2018	179	26	30	222.196	19	3	0	0	2
652	11	19	26/03/2018	289	36	33	222.196	30	1	2	1	104
653	13	22	28/03/2018	369	17	31	222.196	25	1	3	0	8
654	28	13	02/04/2018	225	26	28	246.288	24	1	1	2	8
655	34	10	02/04/2018	118	10	37	246.288	28	1	0	0	8
656	10	19	03/04/2018	361	52	28	246.288	27	1	1	4	8
657	33	19	04/04/2018	248	25	47	246.288	32	1	2	1	8
658	6	13	05/04/2018	189	29	33	246.288	25	1	2	2	8
659	22	27	06/04/2018	179	26	30	246.288	19	3	0	0	2
660	13	7	09/04/2018	369	17	31	246.288	25	1	3	0	24
661	17	16	10/04/2018	179	22	40	246.288	22	2	2	0	2
662	36	23	10/04/2018	118	13	50	246.288	31	1	1	0	3
663	10	23	10/04/2018	361	52	28	246.288	27	1	1	4	2
664	34	10	11/04/2018	118	10	37	246.288	28	1	0	0	2
665	1	22	13/04/2018	235	11	37	246.288	29	3	1	1	8
666	22	27	13/04/2018	179	26	30	246.288	19	3	0	0	2
667	28	19	16/04/2018	225	26	28	246.288	24	1	1	2	8
668	25	16	17/04/2018	235	16	32	246.288	25	3	0	0	3
669	22	27	20/04/2018	179	26	30	246.288	19	3	0	0	2
670	14	28	24/04/2018	155	12	34	246.288	25	1	2	0	4
671	28	19	26/04/2018	225	26	28	246.288	24	1	1	2	8
672	36	14	26/04/2018	118	13	50	246.288	31	1	1	0	2
673	22	27	27/04/2018	179	26	30	246.288	19	3	0	0	2
674	1	22	07/05/2018	235	11	37	237.656	29	3	1	1	8
675	29	19	09/05/2018	225	15	41	237.656	28	4	2	2	3
676	25	28	09/05/2018	235	16	32	237.656	25	3	0	0	2
677	34	8	09/05/2018	118	10	37	237.656	28	1	0	0	3
678	5	26	09/05/2018	235	20	43	237.656	38	1	1	0	8
679	22	13	10/05/2018	179	26	30	237.656	19	3	0	0	1
680	15	28	10/05/2018	291	31	40	237.656	25	1	1	1	2
681	29	14	10/05/2018	225	15	41	237.656	28	4	2	2	8
682	26	19	11/05/2018	300	26	43	237.656	25	1	2	1	64
683	29	22	11/05/2018	225	15	41	237.656	28	4	2	2	8
684	22	27	11/05/2018	179	26	30	237.656	19	3	0	0	2
685	36	23	14/05/2018	118	13	50	237.656	31	1	1	0	2
686	36	5	15/05/2018	118	13	50	237.656	31	1	1	0	3
687	34	28	15/05/2018	118	10	37	237.656	28	1	0	0	1
688	36	0	15/05/2018	118	13	50	237.656	31	1	1	0	0
689	22	27	16/05/2018	179	26	30	237.656	19	3	0	0	2
690	23	0	16/05/2018	378	49	36	237.656	21	1	2	4	0
691	17	16	18/05/2018	179	22	40	237.656	22	2	2	0	1

692	14	Reason for Absence	10	21/05/2018	Transportation Expense	155	Distance to Work	12	Age	34	Daily Work Load Average	237.656	Body Mass Index	25	Education	1	Children	2	Pets	0	Absenteeism Time in Hours	8
693	25		10	21/05/2018		235		16		32		237.656			3		0		0			
694	15		22	23/05/2018		291		31		40		237.656		25		1		1		1		8
695	17		10	23/05/2018		179		22		40		237.656		22		2		2		0		8
696	28		6	23/05/2018		225		26		28		237.656		24		1		1		2		3
697	18		10	24/05/2018		330		16		28		237.656		25		2		0		0		8
698	25		23	24/05/2018		235		16		32		237.656		25		3		0		0		2
699	15		28	31/05/2018		291		31		40		237.656		25		1		1		1		2

In [17]:

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pd.options.display.max_columns = None
pd.options.display.max_rows = None
display(raw_csv_data)
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	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
0	11	26	07/07/2015	289	36	33	239.554	30	1	2	1	4
1	36	0	14/07/2015	118	13	50	239.554	31	1	1	0	0
2	3	23	15/07/2015	179	51	38	239.554	31	1	0	0	2
3	7	7	16/07/2015	279	5	39	239.554	24	1	2	0	4
4	11	23	23/07/2015	289	36	33	239.554	30	1	2	1	2
5	3	23	10/07/2015	179	51	38	239.554	31	1	0	0	2
6	10	22	17/07/2015	361	52	28	239.554	27	1	1	4	8
7	20	23	24/07/2015	260	50	36	239.554	23	1	4	0	4
8	14	19	06/07/2015	155	12	34	239.554	25	1	2	0	40
9	1	22	13/07/2015	235	11	37	239.554	29	3	1	1	8
10	20	1	20/07/2015	260	50	36	239.554	23	1	4	0	8
11	20	1	14/07/2015	260	50	36	239.554	23	1	4	0	8
12	20	11	15/07/2015	260	50	36	239.554	23	1	4	0	8
13	3	11	15/07/2015	179	51	38	239.554	31	1	0	0	1
14	3	23	15/07/2015	179	51	38	239.554	31	1	0	0	4
15	24	14	17/07/2015	246	25	41	239.554	23	1	0	0	8
16	3	23	17/07/2015	179	51	38	239.554	31	1	0	0	2
17	3	21	27/07/2015	179	51	38	239.554	31	1	0	0	8
18	6	11	30/07/2015	189	29	33	239.554	25	1	2	2	8
19	33	23	05/08/2015	248	25	47	205.917	32	1	2	1	2
20	18	10	12/08/2015	330	16	28	205.917	25	2	0	0	8
21	3	11	03/08/2015	179	51	38	205.917	31	1	0	0	1
22	10	13	10/08/2015	361	52	28	205.917	27	1	1	4	40
23	20	28	14/08/2015	260	50	36	205.917	23	1	4	0	4
24	11	18	17/08/2015	289	36	33	205.917	30	1	2	1	8
25	10	25	24/08/2015	361	52	28	205.917	27	1	1	4	7
26	11	23	04/08/2015	289	36	33	205.917	30	1	2	1	1
27	30	28	12/08/2015	157	27	29	205.917	22	1	0	0	4
28	11	18	19/08/2015	289	36	33	205.917	30	1	2	1	8
29	3	23	28/08/2015	179	51	38	205.917	31	1	0	0	2
30	3	18	17/08/2015	179	51	38	205.917	31	1	0	0	8
31	2	18	27/08/2015	235	29	48	205.917	33	1	1	5	8
32	1	23	27/08/2015	235	11	37	205.917	29	3	1	1	4
33	2	18	17/08/2015	235	29	48	205.917	33	1	1	5	8

34	3	Reason for	23	17/08/2015	179	51	38	205.917	Body	1	0	0	Absenteeism
35	10	Absence	23	17/08/2015	Expense	to Work	Age	Daily Work	Mass	Education	Children	Pets	Time in
				Date				Average	Index				Hours
36	11		24	04/08/2015	289	36	33	205.917	30	1	2	1	8
37	19		11	20/08/2015	291	50	32	205.917	23	1	0	0	4
38	2		28	21/08/2015	235	29	48	205.917	33	1	1	5	8
39	20		23	28/08/2015	260	50	36	205.917	23	1	4	0	4
40	27		23	01/09/2015	184	42	27	241.476	21	1	0	0	2
41	34		23	07/09/2015	118	10	37	241.476	28	1	0	0	4
42	3		23	01/09/2015	179	51	38	241.476	31	1	0	0	4
43	5		19	08/09/2015	235	20	43	241.476	38	1	1	0	8
44	14		23	09/09/2015	155	12	34	241.476	25	1	2	0	2
45	34		23	13/09/2015	118	10	37	241.476	28	1	0	0	3
46	3		23	14/09/2015	179	51	38	241.476	31	1	0	0	3
47	15		23	24/09/2015	291	31	40	241.476	25	1	1	1	4
48	20		22	04/09/2015	260	50	36	241.476	23	1	4	0	8
49	15		14	14/09/2015	291	31	40	241.476	25	1	1	1	32
50	20		0	21/09/2015	260	50	36	241.476	23	1	4	0	0
51	29		0	28/09/2015	225	26	28	241.476	24	1	1	2	0
52	28		23	08/09/2015	225	26	28	241.476	24	1	1	2	2
53	34		23	15/09/2015	118	10	37	241.476	28	1	0	0	2
54	11		0	22/09/2015	289	36	33	241.476	30	1	2	1	0
55	36		0	29/09/2015	118	13	50	241.476	31	1	1	0	0
56	28		18	16/09/2015	225	26	28	241.476	24	1	1	2	3
57	3		23	23/09/2015	179	51	38	241.476	31	1	0	0	3
58	13		0	30/09/2015	369	17	31	241.476	25	1	3	0	0
59	33		23	11/09/2015	248	25	47	241.476	32	1	2	1	1
60	3		23	18/09/2015	179	51	38	241.476	31	1	0	0	3
61	20		23	25/09/2015	260	50	36	241.476	23	1	4	0	4
62	3		23	06/10/2015	179	51	38	253.465	31	1	0	0	3
63	34		23	13/10/2015	118	10	37	253.465	28	1	0	0	3
64	36		0	14/10/2015	118	13	50	253.465	31	1	1	0	0
65	22		23	15/10/2015	179	26	30	253.465	19	3	0	0	1
66	3		23	16/10/2015	179	51	38	253.465	31	1	0	0	3
67	28		23	16/10/2015	225	26	28	253.465	24	1	1	2	3
68	34		23	06/10/2015	118	10	37	253.465	28	1	0	0	3
69	28		23	14/10/2015	225	26	28	253.465	24	1	1	2	2
70	33		23	21/10/2015	248	25	47	253.465	32	1	2	1	2
71	15		23	22/10/2015	291	31	40	253.465	25	1	1	1	5
72	3		23	21/10/2015	179	51	38	253.465	31	1	0	0	8
73	28		23	21/10/2015	225	26	28	253.465	24	1	1	2	3
74	20		19	22/10/2015	260	50	36	253.465	23	1	4	0	16
75	15		14	13/10/2015	291	31	40	253.465	25	1	1	1	8
76	28		28	20/10/2015	225	26	28	253.465	24	1	1	2	2
77	11		26	21/10/2015	289	36	33	253.465	30	1	2	1	8
78	10		23	23/10/2015	361	52	28	253.465	27	1	1	4	1
79	20		28	30/10/2015	260	50	36	253.465	23	1	4	0	3
80	3		23	05/11/2015	179	51	38	306.345	31	1	0	0	1
81	28		23	04/11/2015	225	26	28	306.345	24	1	1	2	1
82	3		13	05/11/2015	179	51	38	306.345	31	1	0	0	8
83	17		21	12/11/2015	179	22	40	306.345	22	2	2	0	8
84	15		23	10/11/2015	225	51	38	205.917	27	1	1	1	5



84	15	23	19/11/2015	291	31	40	306.345	25	1	1	1	Absenteeism Time 32 Hours	5
85	14	10	02/11/2015	155	12	34	306.345	25	1	1	1		32
86	6	22	09/11/2015	189	29	33	306.345	25	1	2	2		8
87	15	14	16/11/2015	291	31	40	306.345	25	1	1	1		40
88	28	23	18/11/2015	225	26	28	306.345	24	1	1	2		1
89	14	6	20/11/2015	155	12	34	306.345	25	1	2	0		8
90	28	23	18/11/2015	225	26	28	306.345	24	1	1	2		3
91	17	21	25/11/2015	179	22	40	306.345	22	2	2	0		8
92	28	13	20/11/2015	225	26	28	306.345	24	1	1	2		3
93	20	28	27/11/2015	260	50	36	306.345	23	1	4	0		4
94	33	28	02/11/2015	248	25	47	306.345	32	1	2	1		1
95	28	28	10/11/2015	225	26	28	306.345	24	1	1	2		3
96	11	7	11/11/2015	289	36	33	306.345	30	1	2	1		24
97	15	23	26/11/2015	291	31	40	306.345	25	1	1	1		3
98	33	23	01/12/2015	248	25	47	261.306	32	1	2	1		1
99	34	19	01/12/2015	118	10	37	261.306	28	1	0	0		64
100	36	23	02/12/2015	118	13	50	261.306	31	1	1	0		2
101	1	26	02/12/2015	235	11	37	261.306	29	3	1	1		8
102	28	23	03/12/2015	225	26	28	261.306	24	1	1	2		2
103	20	26	04/12/2015	260	50	36	261.306	23	1	4	0		8
104	34	19	08/12/2015	118	10	37	261.306	28	1	0	0		56
105	10	22	09/12/2015	361	52	28	261.306	27	1	1	4		8
106	28	28	10/12/2015	225	26	28	261.306	24	1	1	2		3
107	20	28	11/12/2015	260	50	36	261.306	23	1	4	0		3
108	28	23	15/12/2015	225	26	28	261.306	24	1	1	2		2
109	10	22	16/12/2015	361	52	28	261.306	27	1	1	4		8
110	34	27	11/12/2015	118	10	37	261.306	28	1	0	0		2
111	24	19	18/12/2015	246	25	41	261.306	23	1	0	0		8
112	28	23	18/12/2015	225	26	28	261.306	24	1	1	2		2
113	28	23	06/01/2016	225	26	28	308.593	24	1	1	2		1
114	34	19	04/01/2016	118	10	37	308.593	28	1	0	0		1
115	34	27	05/01/2016	118	10	37	308.593	28	1	0	0		1
116	14	18	05/01/2016	155	12	34	308.593	25	1	2	0		8
117	28	27	06/01/2016	225	26	28	308.593	24	1	1	2		2
118	27	23	07/01/2016	184	42	27	308.593	21	1	0	0		2
119	28	28	07/01/2016	225	26	28	308.593	24	1	1	2		2
120	28	27	08/01/2016	225	26	28	308.593	24	1	1	2		1
121	34	27	11/01/2016	118	10	37	308.593	28	1	0	0		2
122	28	27	12/01/2016	225	26	28	308.593	24	1	1	2		2
123	34	27	12/01/2016	118	10	37	308.593	28	1	0	0		2
124	34	27	13/01/2016	118	10	37	308.593	28	1	0	0		2
125	34	27	14/01/2016	118	10	37	308.593	28	1	0	0		2
126	34	27	15/01/2016	118	10	37	308.593	28	1	0	0		2
127	34	27	11/01/2016	118	10	37	308.593	28	1	0	0		2
128	34	27	12/01/2016	118	10	37	308.593	28	1	0	0		2
129	22	18	12/01/2016	179	26	30	308.593	19	3	0	0		8
130	11	18	12/01/2016	289	36	33	308.593	30	1	2	1		8
131	34	27	13/01/2016	118	10	37	308.593	28	1	0	0		2
132	27	23	21/01/2016	184	42	27	308.593	21	1	0	0		2
133	34	27	28/01/2016	118	10	37	308.593	28	1	0	0		2
134	34	27	25/01/2016	118	10	37	308.593	28	1	0	0		0

135	28	Reason for Absence	26/01/2016	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
136	11	22	28/01/2016	289	36	33	308.593	30	1	2	1	3
137	27	23	05/02/2016	184	42	27	302.585	21	1	0	0	1
138	24	1	03/02/2016	246	25	41	302.585	23	1	0	0	8
139	3	11	10/02/2016	179	51	38	302.585	31	1	0	0	8
140	14	28	11/02/2016	155	12	34	302.585	25	1	2	0	2
141	6	23	11/02/2016	189	29	33	302.585	25	1	2	2	8
142	20	28	12/02/2016	260	50	36	302.585	23	1	4	0	2
143	11	22	12/02/2016	289	36	33	302.585	30	1	2	1	8
144	31	11	08/02/2016	388	15	50	302.585	24	1	0	0	8
145	31	1	09/02/2016	388	15	50	302.585	24	1	0	0	8
146	28	28	15/02/2016	225	26	28	302.585	24	1	1	2	2
147	28	23	09/02/2016	225	26	28	302.585	24	1	1	2	2
148	22	23	16/02/2016	179	26	30	302.585	19	3	0	0	1
149	27	23	23/02/2016	184	42	27	302.585	21	1	0	0	8
150	28	25	25/02/2016	225	26	28	302.585	24	1	1	2	3
151	18	18	15/02/2016	330	16	28	302.585	25	2	0	0	8
152	18	23	16/02/2016	330	16	28	302.585	25	2	0	0	1
153	28	23	17/02/2016	225	26	28	302.585	24	1	1	2	1
154	6	19	25/02/2016	189	29	33	302.585	25	1	2	2	8
155	19	28	01/03/2016	291	50	32	343.253	23	1	0	0	2
156	20	19	01/03/2016	260	50	36	343.253	23	1	4	0	8
157	30	19	08/03/2016	157	27	29	343.253	22	1	0	0	3
158	17	17	15/03/2016	179	22	40	343.253	22	2	2	0	8
159	15	22	16/03/2016	291	31	40	343.253	25	1	1	1	8
160	20	13	02/03/2016	260	50	36	343.253	23	1	4	0	8
161	22	13	03/03/2016	179	26	30	343.253	19	3	0	0	8
162	33	14	04/03/2016	248	25	47	343.253	32	1	2	1	3
163	20	13	04/03/2016	260	50	36	343.253	23	1	4	0	40
164	17	11	07/03/2016	179	22	40	343.253	22	2	2	0	40
165	14	1	14/03/2016	155	12	34	343.253	25	1	2	0	16
166	20	26	21/03/2016	260	50	36	343.253	23	1	4	0	16
167	14	13	22/03/2016	155	12	34	343.253	25	1	2	0	8
168	11	6	24/03/2016	289	36	33	343.253	30	1	2	1	8
169	17	8	24/03/2016	179	22	40	343.253	22	2	2	0	8
170	20	28	25/03/2016	260	50	36	343.253	23	1	4	0	4
171	28	23	25/03/2016	225	26	28	343.253	24	1	1	2	1
172	7	14	28/03/2016	279	5	39	343.253	24	1	2	0	8
173	3	13	29/03/2016	179	51	38	343.253	31	1	0	0	24
174	28	23	30/03/2016	225	26	28	343.253	24	1	1	2	2
175	28	11	28/03/2016	225	26	28	343.253	24	1	1	2	8
176	22	13	28/03/2016	179	26	30	343.253	19	3	0	0	1
177	28	11	29/03/2016	225	26	28	343.253	24	1	1	2	8
178	28	11	30/03/2016	225	26	28	343.253	24	1	1	2	16
179	3	13	30/03/2016	179	51	38	343.253	31	1	0	0	3
180	7	14	17/03/2016	279	5	39	343.253	24	1	2	0	16
181	28	28	18/03/2016	225	26	28	343.253	24	1	1	2	2
182	33	14	25/03/2016	248	25	47	343.253	32	1	2	1	3
183	28	28	28/03/2016	225	26	28	343.253	24	1	1	2	1
184	15	28	06/04/2016	291	31	40	326.452	25	1	1	1	1

185	28	Reason for	13/04/2016	225	26	28	326.452	Body	1	1	2	Absenteeism
186	14	Absence	Date	Expense	to Work	Age	Load Average	Mass	Education	Children	Pets	Time in
								Index				Hours
187	24		13/04/2016	246	25	41	326.452	23	1	0	0	24
188	14	23	14/04/2016	155	12	34	326.452	25	1	2	0	1
189	28	28	15/04/2016	225	26	28	326.452	24	1	1	2	2
190	20	28	15/04/2016	260	50	36	326.452	23	1	4	0	4
191	3	13	06/04/2016	179	51	38	326.452	31	1	0	0	24
192	36	23	07/04/2016	118	13	50	326.452	31	1	1	0	1
193	15	23	08/04/2016	291	31	40	326.452	25	1	1	1	3
194	24	14	08/04/2016	246	25	41	326.452	23	1	0	0	8
195	15	28	22/04/2016	291	31	40	326.452	25	1	1	1	1
196	33	28	29/04/2016	248	25	47	326.452	32	1	2	1	8
197	20	19	29/04/2016	260	50	36	326.452	23	1	4	0	56
198	11	19	26/04/2016	289	36	33	326.452	30	1	2	1	8
199	14	12	27/04/2016	155	12	34	326.452	25	1	2	0	24
200	23	19	27/04/2016	378	49	36	326.452	21	1	2	4	8
201	11	13	28/04/2016	289	36	33	326.452	30	1	2	1	16
202	1	7	08/04/2016	235	11	37	326.452	29	3	1	1	3
203	2	0	04/04/2016	235	29	48	326.452	33	1	1	5	0
204	11	13	04/05/2016	289	36	33	378.884	30	1	2	1	8
205	14	28	05/05/2016	155	12	34	378.884	25	1	2	0	2
206	14	28	02/05/2016	155	12	34	378.884	25	1	2	0	1
207	3	18	03/05/2016	179	51	38	378.884	31	1	0	0	8
208	28	19	03/05/2016	225	26	28	378.884	24	1	1	2	8
209	27	7	11/05/2016	184	42	27	378.884	21	1	0	0	4
210	14	28	09/05/2016	155	12	34	378.884	25	1	2	0	2
211	3	12	10/05/2016	179	51	38	378.884	31	1	0	0	1
212	11	13	04/05/2016	289	36	33	378.884	30	1	2	1	24
213	7	0	11/05/2016	279	5	39	378.884	24	1	2	0	0
214	18	0	18/05/2016	330	16	28	378.884	25	2	0	0	0
215	23	0	25/05/2016	378	49	36	378.884	21	1	2	4	0
216	31	0	25/05/2016	388	15	50	378.884	24	1	0	0	0
217	3	11	24/05/2016	179	51	38	378.884	31	1	0	0	1
218	36	13	11/05/2016	118	13	50	378.884	31	1	1	0	24
219	10	22	27/05/2016	361	52	28	378.884	27	1	1	4	8
220	24	19	06/06/2016	246	25	41	377.550	23	1	0	0	8
221	10	22	13/06/2016	361	52	28	377.550	27	1	1	4	8
222	24	10	14/06/2016	246	25	41	377.550	23	1	0	0	24
223	15	23	16/06/2016	291	31	40	377.550	25	1	1	1	4
224	24	10	17/06/2016	246	25	41	377.550	23	1	0	0	8
225	3	11	13/06/2016	179	51	38	377.550	31	1	0	0	8
226	14	23	20/06/2016	155	12	34	377.550	25	1	2	0	4
227	24	10	27/06/2016	246	25	41	377.550	23	1	0	0	8
228	36	13	29/06/2016	118	13	50	377.550	31	1	1	0	8
229	1	13	03/06/2016	235	11	37	377.550	29	3	1	1	16
230	36	23	07/06/2016	118	13	50	377.550	31	1	1	0	1
231	36	13	08/06/2016	118	13	50	377.550	31	1	1	0	80
232	23	22	09/06/2016	378	49	36	377.550	21	1	2	4	8
233	3	11	10/06/2016	179	51	38	377.550	31	1	0	0	2
234	32	28	20/06/2016	289	48	49	377.550	36	1	0	2	2

235	28	28	30/06/2016	225	26	28	377.550	24	1	1	2	Absenteeism	2
ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets		Absenteeism Time in Hours	
237	36	1	06/07/2016	118	13	50	275.312	31	1	1	0		8
238	34	5	08/07/2016	118	10	37	275.312	28	1	0	0		8
239	34	26	08/07/2016	118	10	37	275.312	28	1	0	0		4
240	18	26	12/07/2016	330	16	28	275.312	25	2	0	0		8
241	22	18	14/07/2016	179	26	30	275.312	19	3	0	0		8
242	14	25	15/07/2016	155	12	34	275.312	25	1	2	0		2
243	18	1	18/07/2016	330	16	28	275.312	25	2	0	0		8
244	18	1	19/07/2016	330	16	28	275.312	25	2	0	0		8
245	30	25	18/07/2016	157	27	29	275.312	22	1	0	0		3
246	10	22	19/07/2016	361	52	28	275.312	27	1	1	4		8
247	11	26	20/07/2016	289	36	33	275.312	30	1	2	1		8
248	3	26	21/07/2016	179	51	38	275.312	31	1	0	0		8
249	11	19	11/07/2016	289	36	33	275.312	30	1	2	1		32
250	11	19	14/07/2016	289	36	33	275.312	30	1	2	1		8
251	20	0	21/07/2016	260	50	36	275.312	23	1	4	0		0
252	11	19	04/08/2016	289	36	33	265.615	30	1	2	1		8
253	30	19	11/08/2016	157	27	29	265.615	22	1	0	0		3
254	11	23	07/08/2016	289	36	33	265.615	30	1	2	1		1
255	9	18	08/08/2016	228	14	58	265.615	22	1	2	1		8
256	26	13	10/08/2016	300	26	43	265.615	25	1	2	1		1
257	26	14	10/08/2016	300	26	43	265.615	25	1	2	1		2
258	20	28	11/08/2016	260	50	36	265.615	23	1	4	0		4
259	11	23	08/08/2016	289	36	33	265.615	30	1	2	1		4
260	33	23	09/08/2016	248	25	47	265.615	32	1	2	1		1
261	21	11	10/08/2016	268	11	33	265.615	25	2	0	0		8
262	22	23	10/08/2016	179	26	30	265.615	19	3	0	0		1
263	36	13	10/08/2016	118	13	50	265.615	31	1	1	0		3
264	33	25	14/08/2016	248	25	47	265.615	32	1	2	1		2
265	1	23	15/08/2016	235	11	37	265.615	29	3	1	1		1
266	36	23	17/08/2016	118	13	50	265.615	31	1	1	0		1
267	1	19	24/08/2016	235	11	37	265.615	29	3	1	1		8
268	10	8	08/08/2016	361	52	28	265.615	27	1	1	4		8
269	27	6	30/08/2016	184	42	27	265.615	21	1	0	0		8
270	3	11	05/09/2016	179	51	38	294.217	31	1	0	0		8
271	3	23	09/09/2016	179	51	38	294.217	31	1	0	0		3
272	11	19	07/09/2016	289	36	33	294.217	30	1	2	1		24
273	5	0	08/09/2016	235	20	43	294.217	38	1	1	0		0
274	24	9	12/09/2016	246	25	41	294.217	23	1	0	0		16
275	15	28	13/09/2016	291	31	40	294.217	25	1	1	1		3
276	8	0	13/09/2016	231	35	39	294.217	35	1	2	2		0
277	19	0	13/09/2016	291	50	32	294.217	23	1	0	0		0
278	3	13	14/09/2016	179	51	38	294.217	31	1	0	0		8
279	24	9	14/09/2016	246	25	41	294.217	23	1	0	0		32
280	3	23	15/09/2016	179	51	38	294.217	31	1	0	0		1
281	15	28	16/09/2016	291	31	40	294.217	25	1	1	1		4
282	20	28	16/09/2016	260	50	36	294.217	23	1	4	0		4
283	5	26	14/09/2016	235	20	43	294.217	38	1	1	0		8
284	36	28	15/09/2016	118	13	50	294.217	31	1	1	0		1
285	5	0	15/09/2016	235	20	43	294.217	38	1	1	0		0

286	15	Reason for Absence	28	16/09/2016	291	31	40	294.217	25	1	1	1	Absenteeism Time in Hours
287	15		7	26/09/2016	291	31	40	294.217	25	1	1	1	40
288	3		13	26/09/2016	179	51	38	294.217	31	1	0	0	8
289	11		24	05/10/2016	289	36	33	265.017	30	1	2	1	8
290	1		26	05/10/2016	235	11	37	265.017	29	3	1	1	4
291	11		26	05/10/2016	289	36	33	265.017	30	1	2	1	8
292	11		22	06/10/2016	289	36	33	265.017	30	1	2	1	8
293	36		0	06/10/2016	118	13	50	265.017	31	1	1	0	0
294	33		0	06/10/2016	248	25	47	265.017	32	1	2	1	0
295	22		1	12/10/2016	179	26	30	265.017	19	3	0	0	8
296	34		7	12/10/2016	118	10	37	265.017	28	1	0	0	3
297	13		22	12/10/2016	369	17	31	265.017	25	1	3	0	8
298	3		28	14/10/2016	179	51	38	265.017	31	1	0	0	1
299	22		1	14/10/2016	179	26	30	265.017	19	3	0	0	64
300	5		0	14/10/2016	235	20	43	265.017	38	1	1	0	0
301	11		19	15/10/2016	289	36	33	265.017	30	1	2	1	16
302	20		28	16/10/2016	260	50	36	265.017	23	1	4	0	3
303	5		0	16/10/2016	235	20	43	265.017	38	1	1	0	0
304	5		23	19/10/2016	235	20	43	265.017	38	1	1	0	2
305	5		23	19/10/2016	235	20	43	265.017	38	1	1	0	2
306	36		28	20/10/2016	118	13	50	265.017	31	1	1	0	1
307	15		28	20/10/2016	291	31	40	265.017	25	1	1	1	4
308	22		23	22/10/2016	179	26	30	265.017	19	3	0	0	16
309	36		28	22/10/2016	118	13	50	265.017	31	1	1	0	1
310	10		10	26/10/2016	361	52	28	265.017	27	1	1	4	8
311	20		0	27/10/2016	260	50	36	265.017	23	1	4	0	0
312	15		0	27/10/2016	291	31	40	265.017	25	1	1	1	0
313	30		0	27/10/2016	157	27	29	265.017	22	1	0	0	0
314	22		1	28/10/2016	179	26	30	265.017	19	3	0	0	5
315	22		7	28/10/2016	179	26	30	265.017	19	3	0	0	5
316	36		23	29/10/2016	118	13	50	265.017	31	1	1	0	1
317	34		11	07/11/2016	118	10	37	284.031	28	1	0	0	8
318	33		23	07/11/2016	248	25	47	284.031	32	1	2	1	2
319	3		6	08/11/2016	179	51	38	284.031	31	1	0	0	8
320	20		28	11/11/2016	260	50	36	284.031	23	1	4	0	3
321	15		23	14/11/2016	291	31	40	284.031	25	1	1	1	1
322	23		1	14/11/2016	378	49	36	284.031	21	1	2	4	8
323	14		11	14/11/2016	155	12	34	284.031	25	1	2	0	120
324	5		26	14/11/2016	235	20	43	284.031	38	1	1	0	8
325	18		0	15/11/2016	330	16	28	284.031	25	2	0	0	0
326	1		18	16/11/2016	235	11	37	284.031	29	3	1	1	1
327	34		11	16/11/2016	118	10	37	284.031	28	1	0	0	3
328	1		25	17/11/2016	235	11	37	284.031	29	3	1	1	2
329	3		28	17/11/2016	179	51	38	284.031	31	1	0	0	3
330	24		13	18/11/2016	246	25	41	284.031	23	1	0	0	8
331	15		12	18/11/2016	291	31	40	284.031	25	1	1	1	4
332	24		13	21/11/2016	246	25	41	284.031	23	1	0	0	8
333	3		28	22/11/2016	179	51	38	284.031	31	1	0	0	1
334	20		10	23/11/2016	260	50	36	284.031	23	1	4	0	8
335	20		15	25/11/2016	260	50	36	284.031	23	1	4	0	8

336	23	Reason for	0	25/11/2016	Transportation	Distance	36	284.031	Body	Education	1	Children	2	4	Absenteeism
337	7	Absence	0	29/11/2016	Expense	to Work	Age	Daily Work	Mass	Index	1	1	2	Pets	Time in
								Load Average							Hours
338	3		23	24/11/2016	179	51	38	284.031	31		1	0	0		1
339	28		12	05/12/2016	225	26	28	236.629	24		1	1	2		3
340	3		28	05/12/2016	179	51	38	236.629	31		1	0	0		2
341	3		28	05/12/2016	179	51	38	236.629	31		1	0	0		1
342	1		23	05/12/2016	235	11	37	236.629	29		3	1	1		3
343	36		28	06/12/2016	118	13	50	236.629	31		1	1	0		1
344	20		28	09/12/2016	260	50	36	236.629	23		1	4	0		4
345	24		4	15/12/2016	246	25	41	236.629	23		1	0	0		8
346	3		28	15/12/2016	179	51	38	236.629	31		1	0	0		1
347	3		28	16/12/2016	179	51	38	236.629	31		1	0	0		1
348	22		23	20/12/2016	179	26	30	236.629	19		3	0	0		1
349	34		25	20/12/2016	118	10	37	236.629	28		1	0	0		8
350	1		25	22/12/2016	235	11	37	236.629	29		3	1	1		2
351	3		28	23/12/2016	179	51	38	236.629	31		1	0	0		1
352	5		13	20/12/2016	235	20	43	236.629	38		1	1	0		8
353	1		14	20/12/2016	235	11	37	236.629	29		3	1	1		4
354	20		26	21/12/2016	260	50	36	236.629	23		1	4	0		8
355	30		28	19/12/2016	157	27	29	236.629	22		1	0	0		2
356	3		28	19/12/2016	179	51	38	236.629	31		1	0	0		3
357	11		19	19/12/2016	289	36	33	236.629	30		1	2	1		8
358	28		23	04/01/2017	225	26	28	330.061	24		1	1	2		5
359	34		19	09/01/2017	118	10	37	330.061	28		1	0	0		32
360	14		23	09/01/2017	155	12	34	330.061	25		1	2	0		2
361	1		13	03/01/2017	235	11	37	330.061	29		3	1	1		1
362	14		23	03/01/2017	155	12	34	330.061	25		1	2	0		4
363	11		26	09/01/2017	289	36	33	330.061	30		1	2	1		8
364	15		3	11/01/2017	291	31	40	330.061	25		1	1	1		8
365	5		26	16/01/2017	235	20	43	330.061	38		1	1	0		8
366	36		26	16/01/2017	118	13	50	330.061	31		1	1	0		4
367	3		28	25/01/2017	179	51	38	330.061	31		1	0	0		1
368	3		28	27/01/2017	179	51	38	330.061	31		1	0	0		1
369	34		28	07/02/2017	118	10	37	251.818	28		1	0	0		2
370	3		27	01/02/2017	179	51	38	251.818	31		1	0	0		3
371	28		7	01/02/2017	225	26	28	251.818	24		1	1	2		1
372	11		22	03/02/2017	289	36	33	251.818	30		1	2	1		3
373	20		28	10/02/2017	260	50	36	251.818	23		1	4	0		3
374	3		23	17/02/2017	179	51	38	251.818	31		1	0	0		3
375	3		27	13/02/2017	179	51	38	251.818	31		1	0	0		2
376	3		27	15/02/2017	179	51	38	251.818	31		1	0	0		3
377	3		10	16/02/2017	179	51	38	251.818	31		1	0	0		8
378	24		26	16/02/2017	246	25	41	251.818	23		1	0	0		8
379	3		27	17/02/2017	179	51	38	251.818	31		1	0	0		3
380	6		22	13/02/2017	189	29	33	251.818	25		1	2	2		8
381	3		27	13/02/2017	179	51	38	251.818	31		1	0	0		3
382	24		23	21/02/2017	246	25	41	251.818	23		1	0	0		2
383	15		23	21/02/2017	291	31	40	251.818	25		1	1	1		2
384	30		11	22/02/2017	157	27	29	251.818	22		1	0	0		16
385	3		27	22/02/2017	179	51	38	251.818	31		1	0	0		3

386	3	27	24/02/2017	179	51	38	251.818	31	1	0	0	Absenteeism
387	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours
388	3	27	22/02/2017	179	51	38	251.818	31	1	0	0	3
389	3	27	24/02/2017	179	51	38	251.818	31	1	0	0	3
390	34	18	07/03/2017	118	10	37	244.387	28	1	0	0	8
391	24	19	08/03/2017	246	25	41	244.387	23	1	0	0	16
392	24	28	10/03/2017	246	25	41	244.387	23	1	0	0	2
393	20	28	10/03/2017	260	50	36	244.387	23	1	4	0	4
394	3	28	13/03/2017	179	51	38	244.387	31	1	0	0	2
395	1	22	13/03/2017	235	11	37	244.387	29	3	1	1	8
396	17	22	14/03/2017	179	22	40	244.387	22	2	2	0	8
397	23	22	14/03/2017	378	49	36	244.387	21	1	2	4	8
398	3	28	20/03/2017	179	51	38	244.387	31	1	0	0	16
399	10	22	22/03/2017	361	52	28	244.387	27	1	1	4	8
400	13	0	22/03/2017	369	17	31	244.387	25	1	3	0	0
401	1	21	23/03/2017	235	11	37	244.387	29	3	1	1	8
402	36	23	24/03/2017	118	13	50	244.387	31	1	1	0	2
403	36	14	28/03/2017	118	13	50	244.387	31	1	1	0	3
404	36	13	29/03/2017	118	13	50	244.387	31	1	1	0	8
405	1	0	30/03/2017	235	11	37	244.387	29	3	1	1	0
406	24	0	30/03/2017	246	25	41	244.387	23	1	0	0	0
407	36	0	30/03/2017	118	13	50	244.387	31	1	1	0	0
408	3	28	31/03/2017	179	51	38	244.387	31	1	0	0	8
409	11	22	31/03/2017	289	36	33	244.387	30	1	2	1	8
410	20	19	27/03/2017	260	50	36	244.387	23	1	4	0	8
411	24	28	28/03/2017	246	25	41	244.387	23	1	0	0	2
412	3	28	05/04/2017	179	51	38	239.409	31	1	0	0	4
413	20	28	07/04/2017	260	50	36	239.409	23	1	4	0	3
414	18	26	07/04/2017	330	16	28	239.409	25	2	0	0	4
415	13	22	10/04/2017	369	17	31	239.409	25	1	3	0	4
416	33	26	10/04/2017	248	25	47	239.409	32	1	2	1	4
417	18	23	12/04/2017	330	16	28	239.409	25	2	0	0	8
418	3	28	12/04/2017	179	51	38	239.409	31	1	0	0	8
419	36	23	17/04/2017	118	13	50	239.409	31	1	1	0	1
420	36	13	19/04/2017	118	13	50	239.409	31	1	1	0	120
421	26	28	28/04/2017	300	26	43	239.409	25	1	2	1	8
422	20	28	28/04/2017	260	50	36	239.409	23	1	4	0	4
423	3	28	24/04/2017	179	51	38	239.409	31	1	0	0	4
424	34	11	26/04/2017	118	10	37	239.409	28	1	0	0	2
425	5	13	01/05/2017	235	20	43	246.074	38	1	1	0	16
426	33	23	03/05/2017	248	25	47	246.074	32	1	2	1	2
427	13	10	08/05/2017	369	17	31	246.074	25	1	3	0	8
428	22	23	10/05/2017	179	26	30	246.074	19	3	0	0	3
429	3	28	10/05/2017	179	51	38	246.074	31	1	0	0	4
430	10	23	11/05/2017	361	52	28	246.074	27	1	1	4	1
431	20	28	12/05/2017	260	50	36	246.074	23	1	4	0	3
432	17	11	15/05/2017	179	22	40	246.074	22	2	2	0	2
433	17	8	15/05/2017	179	22	40	246.074	22	2	2	0	3
434	9	18	17/05/2017	228	14	58	246.074	22	1	2	1	8
435	28	25	17/05/2017	225	26	28	246.074	24	1	1	2	3
436	18	13	19/05/2017	330	16	28	246.074	25	2	0	0	8

437	23	Reason for Absence	22/05/2017	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
438	34	28	22/05/2017	118	10	37	246.074	28	1	0	0	1
439	1	1	29/05/2017	235	11	37	246.074	29	3	1	1	8
440	22	23	31/05/2017	179	26	30	246.074	19	3	0	0	3
441	34	23	05/06/2017	118	10	37	253.957	28	1	0	0	3
442	3	28	05/06/2017	179	51	38	253.957	31	1	0	0	3
443	34	28	06/06/2017	118	10	37	253.957	28	1	0	0	2
444	28	23	08/06/2017	225	26	28	253.957	24	1	1	2	4
445	20	28	09/06/2017	260	50	36	253.957	23	1	4	0	4
446	3	0	09/06/2017	179	51	38	253.957	31	1	0	0	0
447	15	13	12/06/2017	291	31	40	253.957	25	1	1	1	40
448	3	28	12/06/2017	179	51	38	253.957	31	1	0	0	24
449	24	28	13/06/2017	246	25	41	253.957	23	1	0	0	3
450	3	28	19/06/2017	179	51	38	253.957	31	1	0	0	4
451	5	26	20/06/2017	235	20	43	253.957	38	1	1	0	8
452	3	28	26/06/2017	179	51	38	253.957	31	1	0	0	2
453	28	23	28/06/2017	225	26	28	253.957	24	1	1	2	2
454	36	23	28/06/2017	118	13	50	253.957	31	1	1	0	2
455	3	5	28/06/2017	179	51	38	253.957	31	1	0	0	8
456	22	21	28/06/2017	179	26	30	253.957	19	3	0	0	2
457	24	28	30/06/2017	246	25	41	253.957	23	1	0	0	2
458	18	11	27/06/2017	330	16	28	253.957	25	2	0	0	1
459	1	13	27/06/2017	235	11	37	253.957	29	3	1	1	8
460	22	23	06/07/2017	179	26	30	230.290	19	3	0	0	2
461	28	25	06/07/2017	225	26	28	230.290	24	1	1	2	4
462	20	13	07/07/2017	260	50	36	230.290	23	1	4	0	8
463	21	7	10/07/2017	268	11	33	230.290	25	2	0	0	8
464	18	25	14/07/2017	330	16	28	230.290	25	2	0	0	8
465	34	26	14/07/2017	118	10	37	230.290	28	1	0	0	8
466	20	26	17/07/2017	260	50	36	230.290	23	1	4	0	4
467	34	28	18/07/2017	118	10	37	230.290	28	1	0	0	8
468	26	15	24/07/2017	300	26	43	230.290	25	1	2	1	8
469	2	23	24/07/2017	235	29	48	230.290	33	1	1	5	1
470	24	28	25/07/2017	246	25	41	230.290	23	1	0	0	2
471	28	9	25/07/2017	225	26	28	230.290	24	1	1	2	112
472	3	28	25/07/2017	179	51	38	230.290	31	1	0	0	1
473	36	23	28/07/2017	118	13	50	230.290	31	1	1	0	1
474	10	22	28/07/2017	361	52	28	230.290	27	1	1	4	8
475	11	22	24/07/2017	289	36	33	230.290	30	1	2	1	8
476	5	26	24/07/2017	235	20	43	230.290	38	1	1	0	8
477	24	28	25/07/2017	246	25	41	230.290	23	1	0	0	2
478	15	28	27/07/2017	291	31	40	230.290	25	1	1	1	1
479	7	23	27/07/2017	279	5	39	230.290	24	1	2	0	2
480	3	25	03/08/2017	179	51	38	249.797	31	1	0	0	4
481	17	25	07/08/2017	179	22	40	249.797	22	2	2	0	1
482	24	28	08/08/2017	246	25	41	249.797	23	1	0	0	4
483	34	28	08/08/2017	118	10	37	249.797	28	1	0	0	4
484	11	26	08/08/2017	289	36	33	249.797	30	1	2	1	8
485	5	26	08/08/2017	235	20	43	249.797	38	1	1	0	8
486	15	28	10/08/2017	291	31	40	249.797	25	1	1	1	4



487	3	Reason for Absence	14/08/2017	Transportation Expense	Distance to Work	38	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
488	17	25	15/08/2017	179	22	40	249.797	25	2	0	0	16
489	18	23	17/08/2017	330	16	28	249.797	25	2	0	0	16
490	1	23	22/08/2017	235	11	37	249.797	29	3	1	1	4
491	24	28	22/08/2017	246	25	41	249.797	23	1	0	0	1
492	34	28	22/08/2017	118	10	37	249.797	28	1	0	0	5
493	15	28	24/08/2017	291	31	40	249.797	25	1	1	1	2
494	20	28	28/08/2017	260	50	36	249.797	23	1	4	0	3
495	24	28	05/09/2017	246	25	41	261.756	23	1	0	0	1
496	24	28	05/09/2017	246	25	41	261.756	23	1	0	0	1
497	34	28	05/09/2017	118	10	37	261.756	28	1	0	0	3
498	14	23	05/09/2017	155	12	34	261.756	25	1	2	0	2
499	15	28	07/09/2017	291	31	40	261.756	25	1	1	1	2
500	22	23	08/09/2017	179	26	30	261.756	19	3	0	0	8
501	33	23	08/09/2017	248	25	47	261.756	32	1	2	1	1
502	3	23	11/09/2017	179	51	38	261.756	31	1	0	0	4
503	28	23	13/09/2017	225	26	28	261.756	24	1	1	2	1
504	22	23	18/09/2017	179	26	30	261.756	19	3	0	0	2
505	13	23	19/09/2017	369	17	31	261.756	25	1	3	0	8
506	10	22	26/09/2017	361	52	28	261.756	27	1	1	4	8
507	32	4	05/10/2017	289	48	49	284.853	36	1	0	2	1
508	25	11	05/10/2017	235	16	32	284.853	25	3	0	0	3
509	24	26	06/10/2017	246	25	41	284.853	23	1	0	0	8
510	32	14	11/10/2017	289	48	49	284.853	36	1	0	2	3
511	15	28	11/10/2017	291	31	40	284.853	25	1	1	1	2
512	34	23	17/10/2017	118	10	37	284.853	28	1	0	0	2
513	32	23	19/10/2017	289	48	49	284.853	36	1	0	2	2
514	15	23	20/10/2017	291	31	40	284.853	25	1	1	1	1
515	28	23	24/10/2017	225	26	28	284.853	24	1	1	2	2
516	13	23	24/10/2017	369	17	31	284.853	25	1	3	0	8
517	13	23	24/10/2017	369	17	31	284.853	25	1	3	0	3
518	28	23	24/10/2017	225	26	28	284.853	24	1	1	2	4
519	13	26	24/10/2017	369	17	31	284.853	25	1	3	0	8
520	3	28	25/10/2017	179	51	38	284.853	31	1	0	0	3
521	9	1	25/10/2017	228	14	58	284.853	22	1	2	1	1
522	15	23	25/10/2017	291	31	40	284.853	25	1	1	1	1
523	13	10	26/10/2017	369	17	31	284.853	25	1	3	0	8
524	28	13	26/10/2017	225	26	28	284.853	24	1	1	2	1
525	13	10	27/10/2017	369	17	31	284.853	25	1	3	0	8
526	28	10	27/10/2017	225	26	28	284.853	24	1	1	2	3
527	6	23	29/10/2017	189	29	33	284.853	25	1	2	2	8
528	25	6	29/10/2017	235	16	32	284.853	25	3	0	0	8
529	33	10	29/10/2017	248	25	47	284.853	32	1	2	1	8
530	28	0	29/10/2017	225	26	28	284.853	24	1	1	2	0
531	28	13	31/10/2017	225	26	28	284.853	24	1	1	2	3
532	3	21	07/11/2017	179	51	38	268.519	31	1	0	0	1
533	34	28	08/11/2017	118	10	37	268.519	28	1	0	0	3
534	18	2	08/11/2017	330	16	28	268.519	25	2	0	0	24
535	3	28	10/11/2017	179	51	38	268.519	31	1	0	0	1
536	34	9	14/11/2017	118	10	37	268.519	28	1	0	0	8

537	11	24	15/11/2017	289	36	33	268.519	30	1	2	1	Absenteeism
538	ID	Reason for	Date	Transportation	Distance	Age	Daily Work	Body	Education	Children	Pets	Time in
	25	Absence	17/11/2017	Expense	to Work	32	Load Average	Mass Index	3	0	0	Hours
539	28	23	17/11/2017	225	26	28	268.519	24	1	1	2	4
540	10	22	21/11/2017	361	52	28	268.519	27	1	1	4	8
541	15	28	22/11/2017	291	31	40	268.519	25	1	1	1	2
542	34	13	23/11/2017	118	10	37	268.519	28	1	0	0	2
543	28	14	23/11/2017	225	26	28	268.519	24	1	1	2	3
544	3	28	27/11/2017	179	51	38	268.519	31	1	0	0	1
545	34	23	27/11/2017	118	10	37	268.519	28	1	0	0	8
546	34	8	28/11/2017	118	10	37	268.519	28	1	0	0	8
547	28	23	28/11/2017	225	26	28	268.519	24	1	1	2	2
548	15	0	28/11/2017	291	31	40	268.519	25	1	1	1	0
549	11	0	29/11/2017	289	36	33	268.519	30	1	2	1	0
550	33	14	30/11/2017	248	25	47	268.519	32	1	2	1	4
551	5	0	30/11/2017	235	20	43	268.519	38	1	1	0	0
552	28	23	24/11/2017	225	26	28	268.519	24	1	1	2	2
553	13	26	24/11/2017	369	17	31	268.519	25	1	3	0	8
554	10	28	27/11/2017	361	52	28	268.519	27	1	1	4	2
555	3	13	05/12/2017	179	51	38	280.549	31	1	0	0	32
556	15	28	06/12/2017	291	31	40	280.549	25	1	1	1	1
557	28	23	06/12/2017	225	26	28	280.549	24	1	1	2	3
558	22	13	08/12/2017	179	26	30	280.549	19	3	0	0	1
559	28	23	08/12/2017	225	26	28	280.549	24	1	1	2	3
560	28	23	13/12/2017	225	26	28	280.549	24	1	1	2	3
561	10	14	14/12/2017	361	52	28	280.549	27	1	1	4	4
562	17	18	15/12/2017	179	22	40	280.549	22	2	2	0	2
563	5	26	15/12/2017	235	20	43	280.549	38	1	1	0	8
564	12	18	18/12/2017	233	51	31	280.549	21	2	1	8	8
565	22	13	19/12/2017	179	26	30	280.549	19	3	0	0	16
566	28	23	19/12/2017	225	26	28	280.549	24	1	1	2	2
567	28	23	21/12/2017	225	26	28	280.549	24	1	1	2	3
568	28	23	18/12/2017	225	26	28	280.549	24	1	1	2	2
569	14	18	19/12/2017	155	12	34	280.549	25	1	2	0	80
570	22	12	01/01/2018	179	26	30	313.532	19	3	0	0	24
571	22	12	04/01/2018	179	26	30	313.532	19	3	0	0	16
572	17	25	04/01/2018	179	22	40	313.532	22	2	2	0	2
573	17	25	05/01/2018	179	22	40	313.532	22	2	2	0	2
574	22	13	08/01/2018	179	26	30	313.532	19	3	0	0	3
575	17	25	10/01/2018	179	22	40	313.532	22	2	2	0	2
576	32	10	11/01/2018	289	48	49	313.532	36	1	0	2	8
577	17	18	12/01/2018	179	22	40	313.532	22	2	2	0	3
578	22	27	15/01/2018	179	26	30	313.532	19	3	0	0	2
579	14	18	16/01/2018	155	12	34	313.532	25	1	2	0	8
580	22	27	17/01/2018	179	26	30	313.532	19	3	0	0	2
581	3	27	17/01/2018	179	51	38	313.532	31	1	0	0	3
582	11	13	17/01/2018	289	36	33	313.532	30	1	2	1	8
583	3	27	18/01/2018	179	51	38	313.532	31	1	0	0	3
584	3	27	26/01/2018	179	51	38	313.532	31	1	0	0	2
585	3	13	06/02/2018	179	51	38	264.249	31	1	0	0	8
586	28	23	06/02/2018	225	26	28	264.249	24	1	1	2	3
587	28	14	07/02/2018	248	25	47	264.249	32	1	2	1	4

587	33	1	07/02/2018	248	25	47	264.249	32	1	2	1	Absenteeism
588	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours
589	28	28	08/02/2018	225	26	28	264.249	24	1	1	2	3
590	3	27	08/02/2018	179	51	38	264.249	31	1	0	0	2
591	22	27	08/02/2018	179	26	30	264.249	19	3	0	0	2
592	29	28	09/02/2018	225	15	41	264.249	28	4	2	2	2
593	3	27	09/02/2018	179	51	38	264.249	31	1	0	0	2
594	12	19	12/02/2018	233	51	31	264.249	21	2	1	8	2
595	3	27	12/02/2018	179	51	38	264.249	31	1	0	0	2
596	28	7	13/02/2018	225	26	28	264.249	24	1	1	2	8
597	3	27	14/02/2018	179	51	38	264.249	31	1	0	0	3
598	3	27	15/02/2018	179	51	38	264.249	31	1	0	0	3
599	28	25	15/02/2018	225	26	28	264.249	24	1	1	2	3
600	22	13	15/02/2018	179	26	30	264.249	19	3	0	0	2
601	17	23	16/02/2018	179	22	40	264.249	22	2	2	0	2
602	3	27	16/02/2018	179	51	38	264.249	31	1	0	0	3
603	12	12	21/02/2018	233	51	31	264.249	21	2	1	8	3
604	22	27	21/02/2018	179	26	30	264.249	19	3	0	0	2
605	3	27	21/02/2018	179	51	38	264.249	31	1	0	0	2
606	3	13	22/02/2018	179	51	38	264.249	31	1	0	0	8
607	3	27	23/02/2018	179	51	38	264.249	31	1	0	0	2
608	14	25	26/02/2018	155	12	34	264.249	25	1	2	0	5
609	25	25	26/02/2018	235	16	32	264.249	25	3	0	0	3
610	3	27	26/02/2018	179	51	38	264.249	31	1	0	0	2
611	28	7	26/02/2018	225	26	28	264.249	24	1	1	2	2
612	3	27	27/02/2018	179	51	38	264.249	31	1	0	0	2
613	33	23	27/02/2018	248	25	47	264.249	32	1	2	1	2
614	28	25	27/02/2018	225	26	28	264.249	24	1	1	2	2
615	3	27	28/02/2018	179	51	38	264.249	31	1	0	0	2
616	3	27	22/02/2018	179	51	38	264.249	31	1	0	0	2
617	25	25	23/02/2018	235	16	32	264.249	25	3	0	0	2
618	3	27	05/03/2018	179	51	38	222.196	31	1	0	0	2
619	33	23	05/03/2018	248	25	47	222.196	32	1	2	1	2
620	9	25	06/03/2018	228	14	58	222.196	22	1	2	1	3
621	33	25	06/03/2018	248	25	47	222.196	32	1	2	1	3
622	9	12	06/03/2018	228	14	58	222.196	22	1	2	1	112
623	3	27	07/03/2018	179	51	38	222.196	31	1	0	0	2
624	28	27	08/03/2018	225	26	28	222.196	24	1	1	2	2
625	3	27	08/03/2018	179	51	38	222.196	31	1	0	0	3
626	28	25	08/03/2018	225	26	28	222.196	24	1	1	2	2
627	22	27	09/03/2018	179	26	30	222.196	19	3	0	0	3
628	25	25	12/03/2018	235	16	32	222.196	25	3	0	0	3
629	10	19	12/03/2018	361	52	28	222.196	27	1	1	4	8
630	3	13	13/03/2018	179	51	38	222.196	31	1	0	0	8
631	3	27	14/03/2018	179	51	38	222.196	31	1	0	0	2
632	3	27	15/03/2018	179	51	38	222.196	31	1	0	0	3
633	22	27	16/03/2018	179	26	30	222.196	19	3	0	0	2
634	3	10	19/03/2018	179	51	38	222.196	31	1	0	0	4
635	33	13	19/03/2018	248	25	47	222.196	32	1	2	1	2
636	3	27	19/03/2018	179	51	38	222.196	31	1	0	0	3
637	28	7	19/03/2018	225	26	28	222.196	24	1	1	2	8

638	ID	Reason for Absence	20/03/2018 Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
639	11	23	21/03/2018	289	36	33	222.196	30	1	2	1	8
640	9	25	21/03/2018	228	14	58	222.196	22	1	2	1	2
641	3	27	21/03/2018	179	51	38	222.196	31	1	0	0	2
642	33	23	22/03/2018	248	25	47	222.196	32	1	2	1	3
643	3	27	22/03/2018	179	51	38	222.196	31	1	0	0	3
644	22	23	23/03/2018	179	26	30	222.196	19	3	0	0	2
645	3	27	23/03/2018	179	51	38	222.196	31	1	0	0	3
646	3	27	27/03/2018	179	51	38	222.196	31	1	0	0	3
647	16	23	28/03/2018	118	15	46	222.196	25	1	2	0	8
648	14	13	28/03/2018	155	12	34	222.196	25	1	2	0	24
649	3	27	28/03/2018	179	51	38	222.196	31	1	0	0	3
650	3	27	29/03/2018	179	51	38	222.196	31	1	0	0	3
651	22	13	26/03/2018	179	26	30	222.196	19	3	0	0	2
652	11	19	26/03/2018	289	36	33	222.196	30	1	2	1	104
653	13	22	28/03/2018	369	17	31	222.196	25	1	3	0	8
654	28	13	02/04/2018	225	26	28	246.288	24	1	1	2	8
655	34	10	02/04/2018	118	10	37	246.288	28	1	0	0	8
656	10	19	03/04/2018	361	52	28	246.288	27	1	1	4	8
657	33	19	04/04/2018	248	25	47	246.288	32	1	2	1	8
658	6	13	05/04/2018	189	29	33	246.288	25	1	2	2	8
659	22	27	06/04/2018	179	26	30	246.288	19	3	0	0	2
660	13	7	09/04/2018	369	17	31	246.288	25	1	3	0	24
661	17	16	10/04/2018	179	22	40	246.288	22	2	2	0	2
662	36	23	10/04/2018	118	13	50	246.288	31	1	1	0	3
663	10	23	10/04/2018	361	52	28	246.288	27	1	1	4	2
664	34	10	11/04/2018	118	10	37	246.288	28	1	0	0	2
665	1	22	13/04/2018	235	11	37	246.288	29	3	1	1	8
666	22	27	13/04/2018	179	26	30	246.288	19	3	0	0	2
667	28	19	16/04/2018	225	26	28	246.288	24	1	1	2	8
668	25	16	17/04/2018	235	16	32	246.288	25	3	0	0	3
669	22	27	20/04/2018	179	26	30	246.288	19	3	0	0	2
670	14	28	24/04/2018	155	12	34	246.288	25	1	2	0	4
671	28	19	26/04/2018	225	26	28	246.288	24	1	1	2	8
672	36	14	26/04/2018	118	13	50	246.288	31	1	1	0	2
673	22	27	27/04/2018	179	26	30	246.288	19	3	0	0	2
674	1	22	07/05/2018	235	11	37	237.656	29	3	1	1	8
675	29	19	09/05/2018	225	15	41	237.656	28	4	2	2	3
676	25	28	09/05/2018	235	16	32	237.656	25	3	0	0	2
677	34	8	09/05/2018	118	10	37	237.656	28	1	0	0	3
678	5	26	09/05/2018	235	20	43	237.656	38	1	1	0	8
679	22	13	10/05/2018	179	26	30	237.656	19	3	0	0	1
680	15	28	10/05/2018	291	31	40	237.656	25	1	1	1	2
681	29	14	10/05/2018	225	15	41	237.656	28	4	2	2	8
682	26	19	11/05/2018	300	26	43	237.656	25	1	2	1	64
683	29	22	11/05/2018	225	15	41	237.656	28	4	2	2	8
684	22	27	11/05/2018	179	26	30	237.656	19	3	0	0	2
685	36	23	14/05/2018	118	13	50	237.656	31	1	1	0	2
686	36	5	15/05/2018	118	13	50	237.656	31	1	1	0	3
687	34	28	15/05/2018	118	10	37	237.656	28	1	0	0	1

688	36	0	15/05/2018	118	13	50	237.656	21	1	1	0	Absenteeism
689	ID	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Time in Hours
690	23	0	16/05/2018	378	49	36	237.656	21	1	2	4	0
691	17	16	18/05/2018	179	22	40	237.656	22	2	2	0	1
692	14	10	21/05/2018	155	12	34	237.656	25	1	2	0	48
693	25	10	21/05/2018	235	16	32	237.656	25	3	0	0	8
694	15	22	23/05/2018	291	31	40	237.656	25	1	1	1	8
695	17	10	23/05/2018	179	22	40	237.656	22	2	2	0	8
696	28	6	23/05/2018	225	26	28	237.656	24	1	1	2	3
697	18	10	24/05/2018	330	16	28	237.656	25	2	0	0	8
698	25	23	24/05/2018	235	16	32	237.656	25	3	0	0	2
699	15	28	31/05/2018	291	31	40	237.656	25	1	1	1	2

In [20]:

```
df1 = raw_csv_data.copy()
```

In [21]:

```
df1 = df1.drop(['ID'],axis= 1)
df1.head()
```

Out[21]:

	Reason for Absence	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
0	26	07/07/2015	289	36	33	239.554	30	1	2	1	4
1	0	14/07/2015	118	13	50	239.554	31	1	1	0	0
2	23	15/07/2015	179	51	38	239.554	31	1	0	0	2
3	7	16/07/2015	279	5	39	239.554	24	1	2	0	4
4	23	23/07/2015	289	36	33	239.554	30	1	2	1	2

In [22]:

```
reason_column = pd.get_dummies(df1['Reason for Absence'], drop_first = True)
reason_column
```

Out[22]:

[illegible]



	U 1	U 2	U 3	U 4	U 5	U 6	U 7	U 8	U 9	U 10	U 11	U 12	U 13	U 14	U 15	U 16	U 17	U 18	U 19	U 21	U 22	U 23	U 24	U 25	U 26	U 27	U 28
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
89	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
96	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

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165	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
167	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
182	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
187	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
191	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
194	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
199	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
201	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
209	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
211	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
212	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
213	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	668	0	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
669	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
671	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
672	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
673	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
674	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
675	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
677	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
678	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
679	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
680	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
682	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
683	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
686	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
688	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
689	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
690	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
692	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
693	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
695	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
696	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
697	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

In [23]:

```
df1 = df1.drop('Reason for Absence',axis=1)
```

In [24]:

```
reason_type_1 = reason_column.loc[:,1:14].max(axis=1)
reason_type_2 = reason_column.loc[:,15:17].max(axis=1)
reason_type_3 = reason_column.loc[:,18:21].max(axis=1)
reason_type_4 = reason_column.loc[:,22:].max(axis=1)
```

In [25]:

```
df1 = pd.concat([df1,reason_type_1,reason_type_2,reason_type_3,reason_type_4],axis=1)
df1
```

Out[25]:

	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	1	2	3
0	07/07/2015	289	36	33	239.554	30	1	2	1	4	0	0	0	1

1	14/07/2015	118	13	50	239.554	31	1	1	0	0	0	0	0	0
2	15/07/2015	179	51	39	239.554	24	1	2	0	2	0	0	0	3
3	16/07/2015	279	5	39	239.554	24	1	2	0	4	1	0	0	0
4	23/07/2015	289	36	33	239.554	30	1	2	1	2	0	0	0	1
5	10/07/2015	179	51	38	239.554	31	1	0	0	2	0	0	0	1
6	17/07/2015	361	52	28	239.554	27	1	1	4	8	0	0	0	1
7	24/07/2015	260	50	36	239.554	23	1	4	0	4	0	0	0	1
8	06/07/2015	155	12	34	239.554	25	1	2	0	40	0	0	1	0
9	13/07/2015	235	11	37	239.554	29	3	1	1	8	0	0	0	1
10	20/07/2015	260	50	36	239.554	23	1	4	0	8	1	0	0	0
11	14/07/2015	260	50	36	239.554	23	1	4	0	8	1	0	0	0
12	15/07/2015	260	50	36	239.554	23	1	4	0	8	1	0	0	0
13	15/07/2015	179	51	38	239.554	31	1	0	0	1	1	0	0	0
14	15/07/2015	179	51	38	239.554	31	1	0	0	4	0	0	0	1
15	17/07/2015	246	25	41	239.554	23	1	0	0	8	1	0	0	0
16	17/07/2015	179	51	38	239.554	31	1	0	0	2	0	0	0	1
17	27/07/2015	179	51	38	239.554	31	1	0	0	8	0	0	1	0
18	30/07/2015	189	29	33	239.554	25	1	2	2	8	1	0	0	0
19	05/08/2015	248	25	47	205.917	32	1	2	1	2	0	0	0	1
20	12/08/2015	330	16	28	205.917	25	2	0	0	8	1	0	0	0
21	03/08/2015	179	51	38	205.917	31	1	0	0	1	1	0	0	0
22	10/08/2015	361	52	28	205.917	27	1	1	4	40	1	0	0	0
23	14/08/2015	260	50	36	205.917	23	1	4	0	4	0	0	0	1
24	17/08/2015	289	36	33	205.917	30	1	2	1	8	0	0	1	0
25	24/08/2015	361	52	28	205.917	27	1	1	4	7	0	0	0	1
26	04/08/2015	289	36	33	205.917	30	1	2	1	1	0	0	0	1
27	12/08/2015	157	27	29	205.917	22	1	0	0	4	0	0	0	1
28	19/08/2015	289	36	33	205.917	30	1	2	1	8	0	0	1	0
29	28/08/2015	179	51	38	205.917	31	1	0	0	2	0	0	0	1
30	17/08/2015	179	51	38	205.917	31	1	0	0	8	0	0	1	0
31	27/08/2015	235	29	48	205.917	33	1	1	5	8	0	0	1	0
32	27/08/2015	235	11	37	205.917	29	3	1	1	4	0	0	0	1
33	17/08/2015	235	29	48	205.917	33	1	1	5	8	0	0	1	0
34	17/08/2015	179	51	38	205.917	31	1	0	0	2	0	0	0	1
35	17/08/2015	361	52	28	205.917	27	1	1	4	1	0	0	0	1
36	04/08/2015	289	36	33	205.917	30	1	2	1	8	0	0	0	1
37	20/08/2015	291	50	32	205.917	23	1	0	0	4	1	0	0	0
38	21/08/2015	235	29	48	205.917	33	1	1	5	8	0	0	0	1
39	28/08/2015	260	50	36	205.917	23	1	4	0	4	0	0	0	1
40	01/09/2015	184	42	27	241.476	21	1	0	0	2	0	0	0	1
41	07/09/2015	118	10	37	241.476	28	1	0	0	4	0	0	0	1
42	01/09/2015	179	51	38	241.476	31	1	0	0	4	0	0	0	1
43	08/09/2015	235	20	43	241.476	38	1	1	0	8	0	0	1	0
44	09/09/2015	155	12	34	241.476	25	1	2	0	2	0	0	0	1
45	13/09/2015	118	10	37	241.476	28	1	0	0	3	0	0	0	1
46	14/09/2015	179	51	38	241.476	31	1	0	0	3	0	0	0	1
47	24/09/2015	291	31	40	241.476	25	1	1	1	4	0	0	0	1
48	04/09/2015	260	50	36	241.476	23	1	4	0	8	0	0	0	1
49	14/09/2015	291	31	40	241.476	25	1	1	1	32	1	0	0	0
50	21/09/2015	260	50	36	241.476	23	1	4	0	0	0	0	0	0
51	28/09/2015	225	26	28	241.476	24	1	1	2	0	0	0	0	0

	52	08/09/2015	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	1	2	3
	53	15/09/2015	118	10	37	241.476	28	1	0	0	2	0	0	0	1
	54	22/09/2015	289	36	33	241.476	30	1	2	1	0	0	0	0	0
	55	29/09/2015	118	13	50	241.476	31	1	1	0	0	0	0	0	0
	56	16/09/2015	225	26	28	241.476	24	1	1	2	3	0	0	1	0
	57	23/09/2015	179	51	38	241.476	31	1	0	0	3	0	0	0	1
	58	30/09/2015	369	17	31	241.476	25	1	3	0	0	0	0	0	0
	59	11/09/2015	248	25	47	241.476	32	1	2	1	1	0	0	0	1
	60	18/09/2015	179	51	38	241.476	31	1	0	0	3	0	0	0	1
	61	25/09/2015	260	50	36	241.476	23	1	4	0	4	0	0	0	1
	62	06/10/2015	179	51	38	253.465	31	1	0	0	3	0	0	0	1
	63	13/10/2015	118	10	37	253.465	28	1	0	0	3	0	0	0	1
	64	14/10/2015	118	13	50	253.465	31	1	1	0	0	0	0	0	0
	65	15/10/2015	179	26	30	253.465	19	3	0	0	1	0	0	0	1
	66	16/10/2015	179	51	38	253.465	31	1	0	0	3	0	0	0	1
	67	16/10/2015	225	26	28	253.465	24	1	1	2	3	0	0	0	1
	68	06/10/2015	118	10	37	253.465	28	1	0	0	3	0	0	0	1
	69	14/10/2015	225	26	28	253.465	24	1	1	2	2	0	0	0	1
	70	21/10/2015	248	25	47	253.465	32	1	2	1	2	0	0	0	1
	71	22/10/2015	291	31	40	253.465	25	1	1	1	5	0	0	0	1
	72	21/10/2015	179	51	38	253.465	31	1	0	0	8	0	0	0	1
	73	21/10/2015	225	26	28	253.465	24	1	1	2	3	0	0	0	1
	74	22/10/2015	260	50	36	253.465	23	1	4	0	16	0	0	1	0
	75	13/10/2015	291	31	40	253.465	25	1	1	1	8	1	0	0	0
	76	20/10/2015	225	26	28	253.465	24	1	1	2	2	0	0	0	1
	77	21/10/2015	289	36	33	253.465	30	1	2	1	8	0	0	0	1
	78	23/10/2015	361	52	28	253.465	27	1	1	4	1	0	0	0	1
	79	30/10/2015	260	50	36	253.465	23	1	4	0	3	0	0	0	1
	80	05/11/2015	179	51	38	306.345	31	1	0	0	1	0	0	0	1
	81	04/11/2015	225	26	28	306.345	24	1	1	2	1	0	0	0	1
	82	05/11/2015	179	51	38	306.345	31	1	0	0	8	1	0	0	0
	83	12/11/2015	179	22	40	306.345	22	2	2	0	8	0	0	1	0
	84	19/11/2015	291	31	40	306.345	25	1	1	1	5	0	0	0	1
	85	02/11/2015	155	12	34	306.345	25	1	2	0	32	1	0	0	0
	86	09/11/2015	189	29	33	306.345	25	1	2	2	8	0	0	0	1
	87	16/11/2015	291	31	40	306.345	25	1	1	1	40	1	0	0	0
	88	18/11/2015	225	26	28	306.345	24	1	1	2	1	0	0	0	1
	89	20/11/2015	155	12	34	306.345	25	1	2	0	8	1	0	0	0
	90	18/11/2015	225	26	28	306.345	24	1	1	2	3	0	0	0	1
	91	25/11/2015	179	22	40	306.345	22	2	2	0	8	0	0	1	0
	92	20/11/2015	225	26	28	306.345	24	1	1	2	3	1	0	0	0
	93	27/11/2015	260	50	36	306.345	23	1	4	0	4	0	0	0	1
	94	02/11/2015	248	25	47	306.345	32	1	2	1	1	0	0	0	1
	95	10/11/2015	225	26	28	306.345	24	1	1	2	3	0	0	0	1
	96	11/11/2015	289	36	33	306.345	30	1	2	1	24	1	0	0	0
	97	26/11/2015	291	31	40	306.345	25	1	1	1	3	0	0	0	1
	98	01/12/2015	248	25	47	261.306	32	1	2	1	1	0	0	0	1
	99	01/12/2015	118	10	37	261.306	28	1	0	0	64	0	0	1	0
	100	02/12/2015	118	13	50	261.306	31	1	1	0	2	0	0	0	1
	101	02/12/2015	235	11	37	261.306	29	3	1	1	8	0	0	0	1

[illegible]

	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	1	2	3
152	16/02/2016	330	16	28	302.585	25	2	0	0	1	0	0	0	1
153	17/02/2016	255	26	28	302.585	25	1	0	0	0	0	0	0	0
154	25/02/2016	189	29	33	302.585	25	1	2	2	8	0	0	1	0
155	01/03/2016	291	50	32	343.253	23	1	0	0	2	0	0	0	1
156	01/03/2016	260	50	36	343.253	23	1	4	0	8	0	0	1	0
157	08/03/2016	157	27	29	343.253	22	1	0	0	3	0	0	1	0
158	15/03/2016	179	22	40	343.253	22	2	2	0	8	0	1	0	0
159	16/03/2016	291	31	40	343.253	25	1	1	1	8	0	0	0	1
160	02/03/2016	260	50	36	343.253	23	1	4	0	8	1	0	0	0
161	03/03/2016	179	26	30	343.253	19	3	0	0	8	1	0	0	0
162	04/03/2016	248	25	47	343.253	32	1	2	1	3	1	0	0	0
163	04/03/2016	260	50	36	343.253	23	1	4	0	40	1	0	0	0
164	07/03/2016	179	22	40	343.253	22	2	2	0	40	1	0	0	0
165	14/03/2016	155	12	34	343.253	25	1	2	0	16	1	0	0	0
166	21/03/2016	260	50	36	343.253	23	1	4	0	16	0	0	0	1
167	22/03/2016	155	12	34	343.253	25	1	2	0	8	1	0	0	0
168	24/03/2016	289	36	33	343.253	30	1	2	1	8	1	0	0	0
169	24/03/2016	179	22	40	343.253	22	2	2	0	8	1	0	0	0
170	25/03/2016	260	50	36	343.253	23	1	4	0	4	0	0	0	1
171	25/03/2016	225	26	28	343.253	24	1	1	2	1	0	0	0	1
172	28/03/2016	279	5	39	343.253	24	1	2	0	8	1	0	0	0
173	29/03/2016	179	51	38	343.253	31	1	0	0	24	1	0	0	0
174	30/03/2016	225	26	28	343.253	24	1	1	2	2	0	0	0	1
175	28/03/2016	225	26	28	343.253	24	1	1	2	8	1	0	0	0
176	28/03/2016	179	26	30	343.253	19	3	0	0	1	1	0	0	0
177	29/03/2016	225	26	28	343.253	24	1	1	2	8	1	0	0	0
178	30/03/2016	225	26	28	343.253	24	1	1	2	16	1	0	0	0
179	30/03/2016	179	51	38	343.253	31	1	0	0	3	1	0	0	0
180	17/03/2016	279	5	39	343.253	24	1	2	0	16	1	0	0	0
181	18/03/2016	225	26	28	343.253	24	1	1	2	2	0	0	0	1
182	25/03/2016	248	25	47	343.253	32	1	2	1	3	1	0	0	0
183	28/03/2016	225	26	28	343.253	24	1	1	2	1	0	0	0	1
184	06/04/2016	291	31	40	326.452	25	1	1	1	1	0	0	0	1
185	13/04/2016	225	26	28	326.452	24	1	1	2	1	0	0	0	1
186	12/04/2016	155	12	34	326.452	25	1	2	0	1	0	0	0	1
187	13/04/2016	246	25	41	326.452	23	1	0	0	24	1	0	0	0
188	14/04/2016	155	12	34	326.452	25	1	2	0	1	0	0	0	1
189	15/04/2016	225	26	28	326.452	24	1	1	2	2	0	0	0	1
190	15/04/2016	260	50	36	326.452	23	1	4	0	4	0	0	0	1
191	06/04/2016	179	51	38	326.452	31	1	0	0	24	1	0	0	0
192	07/04/2016	118	13	50	326.452	31	1	1	0	1	0	0	0	1
193	08/04/2016	291	31	40	326.452	25	1	1	1	3	0	0	0	1
194	08/04/2016	246	25	41	326.452	23	1	0	0	8	1	0	0	0
195	22/04/2016	291	31	40	326.452	25	1	1	1	1	0	0	0	1
196	29/04/2016	248	25	47	326.452	32	1	2	1	8	0	0	0	1
197	29/04/2016	260	50	36	326.452	23	1	4	0	56	0	0	1	0
198	26/04/2016	289	36	33	326.452	30	1	2	1	8	0	0	1	0
199	27/04/2016	155	12	34	326.452	25	1	2	0	24	1	0	0	0
200	27/04/2016	378	49	36	326.452	21	1	2	4	8	0	0	1	0
201	28/04/2016	289	36	33	326.452	30	1	2	1	16	1	0	0	0
202	08/04/2016	235	11	37	326.452	29	3	1	1	3	1	0	0	0

203	04/04/2016	235	29	33	326.452	23	1	1	1	0	0	0	0	0
	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	0	0	0
204	04/05/2016	289	36	33	378.884	30	1	2	1	8	1	0	0	0
205	05/05/2016	155	12	34	378.884	25	1	2	0	2	0	0	0	1
206	02/05/2016	155	12	34	378.884	25	1	2	0	1	0	0	0	1
207	03/05/2016	179	51	38	378.884	31	1	0	0	8	0	0	1	0
208	03/05/2016	225	26	28	378.884	24	1	1	2	8	0	0	1	0
209	11/05/2016	184	42	27	378.884	21	1	0	0	4	1	0	0	0
210	09/05/2016	155	12	34	378.884	25	1	2	0	2	0	0	0	1
211	10/05/2016	179	51	38	378.884	31	1	0	0	1	1	0	0	0
212	04/05/2016	289	36	33	378.884	30	1	2	1	24	1	0	0	0
213	11/05/2016	279	5	39	378.884	24	1	2	0	0	0	0	0	0
214	18/05/2016	330	16	28	378.884	25	2	0	0	0	0	0	0	0
215	25/05/2016	378	49	36	378.884	21	1	2	4	0	0	0	0	0
216	25/05/2016	388	15	50	378.884	24	1	0	0	0	0	0	0	0
217	24/05/2016	179	51	38	378.884	31	1	0	0	1	1	0	0	0
218	11/05/2016	118	13	50	378.884	31	1	1	0	24	1	0	0	0
219	27/05/2016	361	52	28	378.884	27	1	1	4	8	0	0	0	1
220	06/06/2016	246	25	41	377.550	23	1	0	0	8	0	0	1	0
221	13/06/2016	361	52	28	377.550	27	1	1	4	8	0	0	0	1
222	14/06/2016	246	25	41	377.550	23	1	0	0	24	1	0	0	0
223	16/06/2016	291	31	40	377.550	25	1	1	1	4	0	0	0	1
224	17/06/2016	246	25	41	377.550	23	1	0	0	8	1	0	0	0
225	13/06/2016	179	51	38	377.550	31	1	0	0	8	1	0	0	0
226	20/06/2016	155	12	34	377.550	25	1	2	0	4	0	0	0	1
227	27/06/2016	246	25	41	377.550	23	1	0	0	8	1	0	0	0
228	29/06/2016	118	13	50	377.550	31	1	1	0	8	1	0	0	0
229	03/06/2016	235	11	37	377.550	29	3	1	1	16	1	0	0	0
230	07/06/2016	118	13	50	377.550	31	1	1	0	1	0	0	0	1
231	08/06/2016	118	13	50	377.550	31	1	1	0	80	1	0	0	0
232	09/06/2016	378	49	36	377.550	21	1	2	4	8	0	0	0	1
233	10/06/2016	179	51	38	377.550	31	1	0	0	2	1	0	0	0
234	20/06/2016	289	48	49	377.550	36	1	0	2	2	0	0	0	1
235	30/06/2016	225	26	28	377.550	24	1	1	2	2	0	0	0	1
236	05/07/2016	155	12	34	275.312	25	1	2	0	16	0	0	1	0
237	06/07/2016	118	13	50	275.312	31	1	1	0	8	1	0	0	0
238	08/07/2016	118	10	37	275.312	28	1	0	0	8	1	0	0	0
239	08/07/2016	118	10	37	275.312	28	1	0	0	4	0	0	0	1
240	12/07/2016	330	16	28	275.312	25	2	0	0	8	0	0	0	1
241	14/07/2016	179	26	30	275.312	19	3	0	0	8	0	0	1	0
242	15/07/2016	155	12	34	275.312	25	1	2	0	2	0	0	0	1
243	18/07/2016	330	16	28	275.312	25	2	0	0	8	1	0	0	0
244	19/07/2016	330	16	28	275.312	25	2	0	0	8	1	0	0	0
245	18/07/2016	157	27	29	275.312	22	1	0	0	3	0	0	0	1
246	19/07/2016	361	52	28	275.312	27	1	1	4	8	0	0	0	1
247	20/07/2016	289	36	33	275.312	30	1	2	1	8	0	0	0	1
248	21/07/2016	179	51	38	275.312	31	1	0	0	8	0	0	0	1
249	11/07/2016	289	36	33	275.312	30	1	2	1	32	0	0	1	0
250	14/07/2016	289	36	33	275.312	30	1	2	1	8	0	0	1	0
251	21/07/2016	260	50	36	275.312	23	1	4	0	0	0	0	0	0
252	04/08/2016	289	36	33	265.615	30	1	2	1	8	0	0	1	0



		157	27	29	85.615	Body	1	0	0	3	0	0	1	0		
253	11/08/2016	Transportation	Distance	Age	Daily Work	Mass	Education	Children	Pets	Absenteeism	Time in Hours	1	0	1	2	3
254	07/08/2016	Expense	to Work		Load Average	Index										
255	08/08/2016	228	14	58	265.615	22	1	2	1	8	0	0	1	0		
256	10/08/2016	300	26	43	265.615	25	1	2	1	1	1	0	0	0		
257	10/08/2016	300	26	43	265.615	25	1	2	1	2	1	0	0	0		
258	11/08/2016	260	50	36	265.615	23	1	4	0	4	0	0	0	1		
259	08/08/2016	289	36	33	265.615	30	1	2	1	4	0	0	0	1		
260	09/08/2016	248	25	47	265.615	32	1	2	1	1	0	0	0	1		
261	10/08/2016	268	11	33	265.615	25	2	0	0	8	1	0	0	0		
262	10/08/2016	179	26	30	265.615	19	3	0	0	1	0	0	0	1		
263	10/08/2016	118	13	50	265.615	31	1	1	0	3	1	0	0	0		
264	14/08/2016	248	25	47	265.615	32	1	2	1	2	0	0	0	1		
265	15/08/2016	235	11	37	265.615	29	3	1	1	1	0	0	0	1		
266	17/08/2016	118	13	50	265.615	31	1	1	0	1	0	0	0	1		
267	24/08/2016	235	11	37	265.615	29	3	1	1	8	0	0	1	0		
268	08/08/2016	361	52	28	265.615	27	1	1	4	8	1	0	0	0		
269	30/08/2016	184	42	27	265.615	21	1	0	0	8	1	0	0	0		
270	05/09/2016	179	51	38	294.217	31	1	0	0	8	1	0	0	0		
271	09/09/2016	179	51	38	294.217	31	1	0	0	3	0	0	0	1		
272	07/09/2016	289	36	33	294.217	30	1	2	1	24	0	0	1	0		
273	08/09/2016	235	20	43	294.217	38	1	1	0	0	0	0	0	0		
274	12/09/2016	246	25	41	294.217	23	1	0	0	16	1	0	0	0		
275	13/09/2016	291	31	40	294.217	25	1	1	1	3	0	0	0	1		
276	13/09/2016	231	35	39	294.217	35	1	2	2	0	0	0	0	0		
277	13/09/2016	291	50	32	294.217	23	1	0	0	0	0	0	0	0		
278	14/09/2016	179	51	38	294.217	31	1	0	0	8	1	0	0	0		
279	14/09/2016	246	25	41	294.217	23	1	0	0	32	1	0	0	0		
280	15/09/2016	179	51	38	294.217	31	1	0	0	1	0	0	0	1		
281	16/09/2016	291	31	40	294.217	25	1	1	1	4	0	0	0	1		
282	16/09/2016	260	50	36	294.217	23	1	4	0	4	0	0	0	1		
283	14/09/2016	235	20	43	294.217	38	1	1	0	8	0	0	0	1		
284	15/09/2016	118	13	50	294.217	31	1	1	0	1	0	0	0	1		
285	15/09/2016	235	20	43	294.217	38	1	1	0	0	0	0	0	0		
286	16/09/2016	291	31	40	294.217	25	1	1	1	3	0	0	0	1		
287	26/09/2016	291	31	40	294.217	25	1	1	1	40	1	0	0	0		
288	26/09/2016	179	51	38	294.217	31	1	0	0	8	1	0	0	0		
289	05/10/2016	289	36	33	265.017	30	1	2	1	8	0	0	0	1		
290	05/10/2016	235	11	37	265.017	29	3	1	1	4	0	0	0	1		
291	05/10/2016	289	36	33	265.017	30	1	2	1	8	0	0	0	1		
292	06/10/2016	289	36	33	265.017	30	1	2	1	8	0	0	0	1		
293	06/10/2016	118	13	50	265.017	31	1	1	0	0	0	0	0	0		
294	06/10/2016	248	25	47	265.017	32	1	2	1	0	0	0	0	0		
295	12/10/2016	179	26	30	265.017	19	3	0	0	8	1	0	0	0		
296	12/10/2016	118	10	37	265.017	28	1	0	0	3	1	0	0	0		
297	12/10/2016	369	17	31	265.017	25	1	3	0	8	0	0	0	1		
298	14/10/2016	179	51	38	265.017	31	1	0	0	1	0	0	0	1		
299	14/10/2016	179	26	30	265.017	19	3	0	0	64	1	0	0	0		
300	14/10/2016	235	20	43	265.017	38	1	1	0	0	0	0	0	0		
301	15/10/2016	289	36	33	265.017	30	1	2	1	16	0	0	1	0		
302	16/10/2016	260	50	36	265.017	23	1	4	0	3	0	0	0	1		

303	16/10/2016	235	20	43	265.017	38	1	1	0	0	0	0	0	0
304	19/10/2016	235	20	43	265.017	38	1	1	0	0	0	0	0	0
305	19/10/2016	235	20	43	265.017	38	1	1	0	2	0	0	0	1
306	20/10/2016	118	13	50	265.017	31	1	1	0	1	0	0	0	1
307	20/10/2016	291	31	40	265.017	25	1	1	1	4	0	0	0	1
308	22/10/2016	179	26	30	265.017	19	3	0	0	16	0	0	0	1
309	22/10/2016	118	13	50	265.017	31	1	1	0	1	0	0	0	1
310	26/10/2016	361	52	28	265.017	27	1	1	4	8	1	0	0	0
311	27/10/2016	260	50	36	265.017	23	1	4	0	0	0	0	0	0
312	27/10/2016	291	31	40	265.017	25	1	1	1	0	0	0	0	0
313	27/10/2016	157	27	29	265.017	22	1	0	0	0	0	0	0	0
314	28/10/2016	179	26	30	265.017	19	3	0	0	5	1	0	0	0
315	28/10/2016	179	26	30	265.017	19	3	0	0	5	1	0	0	0
316	29/10/2016	118	13	50	265.017	31	1	1	0	1	0	0	0	1
317	07/11/2016	118	10	37	284.031	28	1	0	0	8	1	0	0	0
318	07/11/2016	248	25	47	284.031	32	1	2	1	2	0	0	0	1
319	08/11/2016	179	51	38	284.031	31	1	0	0	8	1	0	0	0
320	11/11/2016	260	50	36	284.031	23	1	4	0	3	0	0	0	1
321	14/11/2016	291	31	40	284.031	25	1	1	1	1	0	0	0	1
322	14/11/2016	378	49	36	284.031	21	1	2	4	8	1	0	0	0
323	14/11/2016	155	12	34	284.031	25	1	2	0	120	1	0	0	0
324	14/11/2016	235	20	43	284.031	38	1	1	0	8	0	0	0	1
325	15/11/2016	330	16	28	284.031	25	2	0	0	0	0	0	0	0
326	16/11/2016	235	11	37	284.031	29	3	1	1	1	0	0	1	0
327	16/11/2016	118	10	37	284.031	28	1	0	0	3	1	0	0	0
328	17/11/2016	235	11	37	284.031	29	3	1	1	2	0	0	0	1
329	17/11/2016	179	51	38	284.031	31	1	0	0	3	0	0	0	1
330	18/11/2016	246	25	41	284.031	23	1	0	0	8	1	0	0	0
331	18/11/2016	291	31	40	284.031	25	1	1	1	4	1	0	0	0
332	21/11/2016	246	25	41	284.031	23	1	0	0	8	1	0	0	0
333	22/11/2016	179	51	38	284.031	31	1	0	0	1	0	0	0	1
334	23/11/2016	260	50	36	284.031	23	1	4	0	8	1	0	0	0
335	25/11/2016	260	50	36	284.031	23	1	4	0	8	0	1	0	0
336	25/11/2016	378	49	36	284.031	21	1	2	4	0	0	0	0	0
337	29/11/2016	279	5	39	284.031	24	1	2	0	0	0	0	0	0
338	24/11/2016	179	51	38	284.031	31	1	0	0	1	0	0	0	1
339	05/12/2016	225	26	28	236.629	24	1	1	2	3	1	0	0	0
340	05/12/2016	179	51	38	236.629	31	1	0	0	2	0	0	0	1
341	05/12/2016	179	51	38	236.629	31	1	0	0	1	0	0	0	1
342	05/12/2016	235	11	37	236.629	29	3	1	1	3	0	0	0	1
343	06/12/2016	118	13	50	236.629	31	1	1	0	1	0	0	0	1
344	09/12/2016	260	50	36	236.629	23	1	4	0	4	0	0	0	1
345	15/12/2016	246	25	41	236.629	23	1	0	0	8	1	0	0	0
346	15/12/2016	179	51	38	236.629	31	1	0	0	1	0	0	0	1
347	16/12/2016	179	51	38	236.629	31	1	0	0	1	0	0	0	1
348	20/12/2016	179	26	30	236.629	19	3	0	0	1	0	0	0	1
349	20/12/2016	118	10	37	236.629	28	1	0	0	8	0	0	0	1
350	22/12/2016	235	11	37	236.629	29	3	1	1	2	0	0	0	1
351	23/12/2016	179	51	38	236.629	31	1	0	0	1	0	0	0	1
352	20/12/2016	235	20	43	236.629	38	1	1	0	8	1	0	0	0
353	20/12/2016	235	11	37	236.629	29	3	1	1	4	1	0	0	0

333	20/12/2016	233	11	37	230.029	23	3	1	1	4	1	0	0	0
354	21/12/2016	260	50	36	236.629	23	1	4	0	3	0	0	0	1
	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	0	2	3
355	19/12/2016	157	27	29	236.629	22	1	0	0	2	0	0	0	1
356	19/12/2016	179	51	38	236.629	31	1	0	0	3	0	0	0	1
357	19/12/2016	289	36	33	236.629	30	1	2	1	8	0	0	1	0
358	04/01/2017	225	26	28	330.061	24	1	1	2	5	0	0	0	1
359	09/01/2017	118	10	37	330.061	28	1	0	0	32	0	0	1	0
360	09/01/2017	155	12	34	330.061	25	1	2	0	2	0	0	0	1
361	03/01/2017	235	11	37	330.061	29	3	1	1	1	1	0	0	0
362	03/01/2017	155	12	34	330.061	25	1	2	0	4	0	0	0	1
363	09/01/2017	289	36	33	330.061	30	1	2	1	8	0	0	0	1
364	11/01/2017	291	31	40	330.061	25	1	1	1	8	1	0	0	0
365	16/01/2017	235	20	43	330.061	38	1	1	0	8	0	0	0	1
366	16/01/2017	118	13	50	330.061	31	1	1	0	4	0	0	0	1
367	25/01/2017	179	51	38	330.061	31	1	0	0	1	0	0	0	1
368	27/01/2017	179	51	38	330.061	31	1	0	0	1	0	0	0	1
369	07/02/2017	118	10	37	251.818	28	1	0	0	2	0	0	0	1
370	01/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
371	01/02/2017	225	26	28	251.818	24	1	1	2	1	1	0	0	0
372	03/02/2017	289	36	33	251.818	30	1	2	1	3	0	0	0	1
373	10/02/2017	260	50	36	251.818	23	1	4	0	3	0	0	0	1
374	17/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
375	13/02/2017	179	51	38	251.818	31	1	0	0	2	0	0	0	1
376	15/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
377	16/02/2017	179	51	38	251.818	31	1	0	0	8	1	0	0	0
378	16/02/2017	246	25	41	251.818	23	1	0	0	8	0	0	0	1
379	17/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
380	13/02/2017	189	29	33	251.818	25	1	2	2	8	0	0	0	1
381	13/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
382	21/02/2017	246	25	41	251.818	23	1	0	0	2	0	0	0	1
383	21/02/2017	291	31	40	251.818	25	1	1	1	2	0	0	0	1
384	22/02/2017	157	27	29	251.818	22	1	0	0	16	1	0	0	0
385	22/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
386	24/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
387	24/02/2017	246	25	41	251.818	23	1	0	0	24	1	0	0	0
388	22/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
389	24/02/2017	179	51	38	251.818	31	1	0	0	3	0	0	0	1
390	07/03/2017	118	10	37	244.387	28	1	0	0	8	0	0	1	0
391	08/03/2017	246	25	41	244.387	23	1	0	0	16	0	0	1	0
392	10/03/2017	246	25	41	244.387	23	1	0	0	2	0	0	0	1
393	10/03/2017	260	50	36	244.387	23	1	4	0	4	0	0	0	1
394	13/03/2017	179	51	38	244.387	31	1	0	0	2	0	0	0	1
395	13/03/2017	235	11	37	244.387	29	3	1	1	8	0	0	0	1
396	14/03/2017	179	22	40	244.387	22	2	2	0	8	0	0	0	1
397	14/03/2017	378	49	36	244.387	21	1	2	4	8	0	0	0	1
398	20/03/2017	179	51	38	244.387	31	1	0	0	16	0	0	0	1
399	22/03/2017	361	52	28	244.387	27	1	1	4	8	0	0	0	1
400	22/03/2017	369	17	31	244.387	25	1	3	0	0	0	0	0	0
401	23/03/2017	235	11	37	244.387	29	3	1	1	8	0	0	1	0
402	24/03/2017	118	13	50	244.387	31	1	1	0	2	0	0	0	1
403	28/03/2017	118	13	50	244.387	31	1	1	0	3	1	0	0	0

404	29/03/2017	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	1	0	1	0	2	0	3
405	30/03/2017	235	11	37	244.387	23	3	1	1	0	0	0	0	0	0	0	0
406	30/03/2017	246	25	41	244.387	23	1	0	0	0	0	0	0	0	0	0	0
407	30/03/2017	118	13	50	244.387	31	1	1	0	0	0	0	0	0	0	0	0
408	31/03/2017	179	51	38	244.387	31	1	0	0	8	0	0	0	0	0	1	
409	31/03/2017	289	36	33	244.387	30	1	2	1	8	0	0	0	0	0	1	
410	27/03/2017	260	50	36	244.387	23	1	4	0	8	0	0	0	1	0		
411	28/03/2017	246	25	41	244.387	23	1	0	0	2	0	0	0	0	0	1	
412	05/04/2017	179	51	38	239.409	31	1	0	0	4	0	0	0	0	0	1	
413	07/04/2017	260	50	36	239.409	23	1	4	0	3	0	0	0	0	0	1	
414	07/04/2017	330	16	28	239.409	25	2	0	0	4	0	0	0	0	0	1	
415	10/04/2017	369	17	31	239.409	25	1	3	0	4	0	0	0	0	0	1	
416	10/04/2017	248	25	47	239.409	32	1	2	1	4	0	0	0	0	0	1	
417	12/04/2017	330	16	28	239.409	25	2	0	0	8	0	0	0	0	0	1	
418	12/04/2017	179	51	38	239.409	31	1	0	0	8	0	0	0	0	0	1	
419	17/04/2017	118	13	50	239.409	31	1	1	0	1	0	0	0	0	0	1	
420	19/04/2017	118	13	50	239.409	31	1	1	0	120	1	0	0	0	0		
421	28/04/2017	300	26	43	239.409	25	1	2	1	8	0	0	0	0	0	1	
422	28/04/2017	260	50	36	239.409	23	1	4	0	4	0	0	0	0	0	1	
423	24/04/2017	179	51	38	239.409	31	1	0	0	4	0	0	0	0	0	1	
424	26/04/2017	118	10	37	239.409	28	1	0	0	2	1	0	0	0	0		
425	01/05/2017	235	20	43	246.074	38	1	1	0	16	1	0	0	0	0		
426	03/05/2017	248	25	47	246.074	32	1	2	1	2	0	0	0	0	0	1	
427	08/05/2017	369	17	31	246.074	25	1	3	0	8	1	0	0	0	0		
428	10/05/2017	179	26	30	246.074	19	3	0	0	3	0	0	0	0	0	1	
429	10/05/2017	179	51	38	246.074	31	1	0	0	4	0	0	0	0	0	1	
430	11/05/2017	361	52	28	246.074	27	1	1	4	1	0	0	0	0	0	1	
431	12/05/2017	260	50	36	246.074	23	1	4	0	3	0	0	0	0	0	1	
432	15/05/2017	179	22	40	246.074	22	2	2	0	2	1	0	0	0	0		
433	15/05/2017	179	22	40	246.074	22	2	2	0	3	1	0	0	0	0		
434	17/05/2017	228	14	58	246.074	22	1	2	1	8	0	0	0	1	0		
435	17/05/2017	225	26	28	246.074	24	1	1	2	3	0	0	0	0	0	1	
436	19/05/2017	330	16	28	246.074	25	2	0	0	8	1	0	0	0	0		
437	22/05/2017	179	26	30	246.074	19	3	0	0	2	0	0	0	0	0	1	
438	22/05/2017	118	10	37	246.074	28	1	0	0	1	0	0	0	0	0	1	
439	29/05/2017	235	11	37	246.074	29	3	1	1	8	1	0	0	0	0		
440	31/05/2017	179	26	30	246.074	19	3	0	0	3	0	0	0	0	0	1	
441	05/06/2017	118	10	37	253.957	28	1	0	0	3	0	0	0	0	0	1	
442	05/06/2017	179	51	38	253.957	31	1	0	0	3	0	0	0	0	0	1	
443	06/06/2017	118	10	37	253.957	28	1	0	0	2	0	0	0	0	0	1	
444	08/06/2017	225	26	28	253.957	24	1	1	2	4	0	0	0	0	0	1	
445	09/06/2017	260	50	36	253.957	23	1	4	0	4	0	0	0	0	0	1	
446	09/06/2017	179	51	38	253.957	31	1	0	0	0	0	0	0	0	0	0	
447	12/06/2017	291	31	40	253.957	25	1	1	1	40	1	0	0	0	0		
448	12/06/2017	179	51	38	253.957	31	1	0	0	24	0	0	0	0	0	1	
449	13/06/2017	246	25	41	253.957	23	1	0	0	3	0	0	0	0	0	1	
450	19/06/2017	179	51	38	253.957	31	1	0	0	4	0	0	0	0	0	1	
451	20/06/2017	235	20	43	253.957	38	1	1	0	8	0	0	0	0	0	1	
452	26/06/2017	179	51	38	253.957	31	1	0	0	2	0	0	0	0	0	1	
453	28/06/2017	225	26	28	253.957	24	1	1	2	2	0	0	0	0	0	1	

	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours					
454	28/06/2017	118	13	50	253.957	31	1	1	0	2	0	0	0	1	
455	28/06/2017	118	13	38	253.957	31	1	0	0	0	1	0	2	3	
456	28/06/2017	179	26	30	253.957	19	3	0	0	2	0	0	1	0	
457	30/06/2017	246	25	41	253.957	23	1	0	0	2	0	0	0	1	
458	27/06/2017	330	16	28	253.957	25	2	0	0	1	1	0	0	0	
459	27/06/2017	235	11	37	253.957	29	3	1	1	8	1	0	0	0	
460	06/07/2017	179	26	30	230.290	19	3	0	0	2	0	0	0	1	
461	06/07/2017	225	26	28	230.290	24	1	1	2	4	0	0	0	1	
462	07/07/2017	260	50	36	230.290	23	1	4	0	8	1	0	0	0	
463	10/07/2017	268	11	33	230.290	25	2	0	0	8	1	0	0	0	
464	14/07/2017	330	16	28	230.290	25	2	0	0	8	0	0	0	1	
465	14/07/2017	118	10	37	230.290	28	1	0	0	8	0	0	0	1	
466	17/07/2017	260	50	36	230.290	23	1	4	0	4	0	0	0	1	
467	18/07/2017	118	10	37	230.290	28	1	0	0	8	0	0	0	1	
468	24/07/2017	300	26	43	230.290	25	1	2	1	8	0	1	0	0	
469	24/07/2017	235	29	48	230.290	33	1	1	5	1	0	0	0	1	
470	25/07/2017	246	25	41	230.290	23	1	0	0	2	0	0	0	1	
471	25/07/2017	225	26	28	230.290	24	1	1	2	112	1	0	0	0	
472	25/07/2017	179	51	38	230.290	31	1	0	0	1	0	0	0	1	
473	28/07/2017	118	13	50	230.290	31	1	1	0	1	0	0	0	1	
474	28/07/2017	361	52	28	230.290	27	1	1	4	8	0	0	0	1	
475	24/07/2017	289	36	33	230.290	30	1	2	1	8	0	0	0	1	
476	24/07/2017	235	20	43	230.290	38	1	1	0	8	0	0	0	1	
477	25/07/2017	246	25	41	230.290	23	1	0	0	2	0	0	0	1	
478	27/07/2017	291	31	40	230.290	25	1	1	1	1	0	0	0	1	
479	27/07/2017	279	5	39	230.290	24	1	2	0	2	0	0	0	1	
480	03/08/2017	179	51	38	249.797	31	1	0	0	4	0	0	0	1	
481	07/08/2017	179	22	40	249.797	22	2	2	0	1	0	0	0	1	
482	08/08/2017	246	25	41	249.797	23	1	0	0	4	0	0	0	1	
483	08/08/2017	118	10	37	249.797	28	1	0	0	4	0	0	0	1	
484	08/08/2017	289	36	33	249.797	30	1	2	1	8	0	0	0	1	
485	08/08/2017	235	20	43	249.797	38	1	1	0	8	0	0	0	1	
486	10/08/2017	291	31	40	249.797	25	1	1	1	4	0	0	0	1	
487	14/08/2017	179	51	38	249.797	31	1	0	0	4	0	0	0	1	
488	15/08/2017	179	22	40	249.797	22	2	2	0	8	0	0	0	1	
489	17/08/2017	330	16	28	249.797	25	2	0	0	16	0	0	0	1	
490	22/08/2017	235	11	37	249.797	29	3	1	1	4	0	0	0	1	
491	22/08/2017	246	25	41	249.797	23	1	0	0	1	0	0	0	1	
492	22/08/2017	118	10	37	249.797	28	1	0	0	5	0	0	0	1	
493	24/08/2017	291	31	40	249.797	25	1	1	1	2	0	0	0	1	
494	28/08/2017	260	50	36	249.797	23	1	4	0	3	0	0	0	1	
495	05/09/2017	246	25	41	261.756	23	1	0	0	1	0	0	0	1	
496	05/09/2017	246	25	41	261.756	23	1	0	0	1	0	0	0	1	
497	05/09/2017	118	10	37	261.756	28	1	0	0	3	0	0	0	1	
498	05/09/2017	155	12	34	261.756	25	1	2	0	2	0	0	0	1	
499	07/09/2017	291	31	40	261.756	25	1	1	1	2	0	0	0	1	
500	08/09/2017	179	26	30	261.756	19	3	0	0	8	0	0	0	1	
501	08/09/2017	248	25	47	261.756	32	1	2	1	1	0	0	0	1	
502	11/09/2017	179	51	38	261.756	31	1	0	0	4	0	0	0	1	
503	13/09/2017	225	26	28	261.756	24	1	1	2	1	0	0	0	1	
504	18/09/2017	179	26	30	261.756	19	3	0	0	8	0	0	0	1	

504	18/09/2017	179	26	30	261.756	19	3	0	0	2	0	0	0	1
505	19/09/2017	369	17	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	0	0	3
506	26/09/2017	361	52	28	261.756	27	1	1	4	8	0	0	0	1
507	05/10/2017	289	48	49	284.853	36	1	0	2	1	1	0	0	0
508	05/10/2017	235	16	32	284.853	25	3	0	0	3	1	0	0	0
509	06/10/2017	246	25	41	284.853	23	1	0	0	8	0	0	0	1
510	11/10/2017	289	48	49	284.853	36	1	0	2	3	1	0	0	0
511	11/10/2017	291	31	40	284.853	25	1	1	1	2	0	0	0	1
512	17/10/2017	118	10	37	284.853	28	1	0	0	2	0	0	0	1
513	19/10/2017	289	48	49	284.853	36	1	0	2	2	0	0	0	1
514	20/10/2017	291	31	40	284.853	25	1	1	1	1	0	0	0	1
515	24/10/2017	225	26	28	284.853	24	1	1	2	2	0	0	0	1
516	24/10/2017	369	17	31	284.853	25	1	3	0	8	0	0	0	1
517	24/10/2017	369	17	31	284.853	25	1	3	0	3	0	0	0	1
518	24/10/2017	225	26	28	284.853	24	1	1	2	4	0	0	0	1
519	24/10/2017	369	17	31	284.853	25	1	3	0	8	0	0	0	1
520	25/10/2017	179	51	38	284.853	31	1	0	0	3	0	0	0	1
521	25/10/2017	228	14	58	284.853	22	1	2	1	1	1	0	0	0
522	25/10/2017	291	31	40	284.853	25	1	1	1	1	0	0	0	1
523	26/10/2017	369	17	31	284.853	25	1	3	0	8	1	0	0	0
524	26/10/2017	225	26	28	284.853	24	1	1	2	1	1	0	0	0
525	27/10/2017	369	17	31	284.853	25	1	3	0	8	1	0	0	0
526	27/10/2017	225	26	28	284.853	24	1	1	2	3	1	0	0	0
527	29/10/2017	189	29	33	284.853	25	1	2	2	8	0	0	0	1
528	29/10/2017	235	16	32	284.853	25	3	0	0	8	1	0	0	0
529	29/10/2017	248	25	47	284.853	32	1	2	1	8	1	0	0	0
530	29/10/2017	225	26	28	284.853	24	1	1	2	0	0	0	0	0
531	31/10/2017	225	26	28	284.853	24	1	1	2	3	1	0	0	0
532	07/11/2017	179	51	38	268.519	31	1	0	0	1	0	0	1	0
533	08/11/2017	118	10	37	268.519	28	1	0	0	3	0	0	0	1
534	08/11/2017	330	16	28	268.519	25	2	0	0	24	1	0	0	0
535	10/11/2017	179	51	38	268.519	31	1	0	0	1	0	0	0	1
536	14/11/2017	118	10	37	268.519	28	1	0	0	8	1	0	0	0
537	15/11/2017	289	36	33	268.519	30	1	2	1	8	0	0	0	1
538	17/11/2017	235	16	32	268.519	25	3	0	0	8	1	0	0	0
539	17/11/2017	225	26	28	268.519	24	1	1	2	4	0	0	0	1
540	21/11/2017	361	52	28	268.519	27	1	1	4	8	0	0	0	1
541	22/11/2017	291	31	40	268.519	25	1	1	1	2	0	0	0	1
542	23/11/2017	118	10	37	268.519	28	1	0	0	2	1	0	0	0
543	23/11/2017	225	26	28	268.519	24	1	1	2	3	1	0	0	0
544	27/11/2017	179	51	38	268.519	31	1	0	0	1	0	0	0	1
545	27/11/2017	118	10	37	268.519	28	1	0	0	8	0	0	0	1
546	28/11/2017	118	10	37	268.519	28	1	0	0	8	1	0	0	0
547	28/11/2017	225	26	28	268.519	24	1	1	2	2	0	0	0	1
548	28/11/2017	291	31	40	268.519	25	1	1	1	0	0	0	0	0
549	29/11/2017	289	36	33	268.519	30	1	2	1	0	0	0	0	0
550	30/11/2017	248	25	47	268.519	32	1	2	1	4	1	0	0	0
551	30/11/2017	235	20	43	268.519	38	1	1	0	0	0	0	0	0
552	24/11/2017	225	26	28	268.519	24	1	1	2	2	0	0	0	1
553	24/11/2017	369	17	31	268.519	25	1	3	0	8	0	0	0	1
554	27/11/2017	361	52	28	268.519	27	1	1	4	2	0	0	0	1

555	05/12/2017	Transportation Expense	Distance to Work	Age	Daily Weight Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	1	0	1	0	1
556	06/12/2017	291	31	40	280.549	25	1	1	1	1	0	0	0	0	0	1
557	06/12/2017	225	26	28	280.549	24	1	1	2	3	0	0	0	0	1	1
558	08/12/2017	179	26	30	280.549	19	3	0	0	1	1	0	0	0	0	0
559	08/12/2017	225	26	28	280.549	24	1	1	2	3	0	0	0	0	1	1
560	13/12/2017	225	26	28	280.549	24	1	1	2	3	0	0	0	0	1	1
561	14/12/2017	361	52	28	280.549	27	1	1	4	4	1	0	0	0	0	0
562	15/12/2017	179	22	40	280.549	22	2	2	0	2	0	0	1	0	0	0
563	15/12/2017	235	20	43	280.549	38	1	1	0	8	0	0	0	0	1	1
564	18/12/2017	233	51	31	280.549	21	2	1	8	8	0	0	1	0	1	0
565	19/12/2017	179	26	30	280.549	19	3	0	0	16	1	0	0	0	0	0
566	19/12/2017	225	26	28	280.549	24	1	1	2	2	0	0	0	0	1	1
567	21/12/2017	225	26	28	280.549	24	1	1	2	3	0	0	0	0	1	1
568	18/12/2017	225	26	28	280.549	24	1	1	2	2	0	0	0	0	1	1
569	19/12/2017	155	12	34	280.549	25	1	2	0	80	0	0	1	0	1	0
570	01/01/2018	179	26	30	313.532	19	3	0	0	24	1	0	0	0	0	0
571	04/01/2018	179	26	30	313.532	19	3	0	0	16	1	0	0	0	0	0
572	04/01/2018	179	22	40	313.532	22	2	2	0	2	0	0	0	0	1	1
573	05/01/2018	179	22	40	313.532	22	2	2	0	2	0	0	0	0	1	1
574	08/01/2018	179	26	30	313.532	19	3	0	0	3	1	0	0	0	0	0
575	10/01/2018	179	22	40	313.532	22	2	2	0	2	0	0	0	0	1	1
576	11/01/2018	289	48	49	313.532	36	1	0	2	8	1	0	0	0	0	0
577	12/01/2018	179	22	40	313.532	22	2	2	0	3	0	0	1	0	1	0
578	15/01/2018	179	26	30	313.532	19	3	0	0	2	0	0	0	0	1	1
579	16/01/2018	155	12	34	313.532	25	1	2	0	8	0	0	1	0	1	0
580	17/01/2018	179	26	30	313.532	19	3	0	0	2	0	0	0	0	1	1
581	17/01/2018	179	51	38	313.532	31	1	0	0	3	0	0	0	0	1	1
582	17/01/2018	289	36	33	313.532	30	1	2	1	8	1	0	0	0	0	0
583	18/01/2018	179	51	38	313.532	31	1	0	0	3	0	0	0	0	1	1
584	26/01/2018	179	51	38	313.532	31	1	0	0	2	0	0	0	0	1	1
585	06/02/2018	179	51	38	264.249	31	1	0	0	8	1	0	0	0	0	0
586	06/02/2018	225	26	28	264.249	24	1	1	2	3	0	0	0	0	1	1
587	07/02/2018	248	25	47	264.249	32	1	2	1	8	1	0	0	0	0	0
588	07/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	0	1	1
589	08/02/2018	225	26	28	264.249	24	1	1	2	3	0	0	0	0	1	1
590	08/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	0	1	1
591	08/02/2018	179	26	30	264.249	19	3	0	0	2	0	0	0	0	1	1
592	09/02/2018	225	15	41	264.249	28	4	2	2	2	0	0	0	0	1	1
593	09/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	0	1	1
594	12/02/2018	233	51	31	264.249	21	2	1	8	2	0	0	1	0	1	0
595	12/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	0	1	1
596	13/02/2018	225	26	28	264.249	24	1	1	2	8	1	0	0	0	0	0
597	14/02/2018	179	51	38	264.249	31	1	0	0	3	0	0	0	0	1	1
598	15/02/2018	179	51	38	264.249	31	1	0	0	3	0	0	0	0	1	1
599	15/02/2018	225	26	28	264.249	24	1	1	2	3	0	0	0	0	1	1
600	15/02/2018	179	26	30	264.249	19	3	0	0	2	1	0	0	0	0	0
601	16/02/2018	179	22	40	264.249	22	2	2	0	2	0	0	0	0	1	1
602	16/02/2018	179	51	38	264.249	31	1	0	0	3	0	0	0	0	1	1
603	21/02/2018	233	51	31	264.249	21	2	1	8	3	1	0	0	0	0	0
604	21/02/2018	179	26	30	264.249	19	3	0	0	2	0	0	0	0	0	0

		179	51	38	264.249		1	0	0	2	0	0	0	1
	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	0	1	2	3
605	21/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
606	22/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
607	23/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
608	26/02/2018	155	12	34	264.249	25	1	2	0	5	0	0	0	1
609	26/02/2018	235	16	32	264.249	25	3	0	0	3	0	0	0	1
610	26/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
611	26/02/2018	225	26	28	264.249	24	1	1	2	2	1	0	0	0
612	27/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
613	27/02/2018	248	25	47	264.249	32	1	2	1	2	0	0	0	1
614	27/02/2018	225	26	28	264.249	24	1	1	2	2	0	0	0	1
615	28/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
616	22/02/2018	179	51	38	264.249	31	1	0	0	2	0	0	0	1
617	23/02/2018	235	16	32	264.249	25	3	0	0	2	0	0	0	1
618	05/03/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1
619	05/03/2018	248	25	47	222.196	32	1	2	1	2	0	0	0	1
620	06/03/2018	228	14	58	222.196	22	1	2	1	3	0	0	0	1
621	06/03/2018	248	25	47	222.196	32	1	2	1	3	0	0	0	1
622	06/03/2018	228	14	58	222.196	22	1	2	1	112	1	0	0	0
623	07/03/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1
624	08/03/2018	225	26	28	222.196	24	1	1	2	2	0	0	0	1
625	08/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
626	08/03/2018	225	26	28	222.196	24	1	1	2	2	0	0	0	1
627	09/03/2018	179	26	30	222.196	19	3	0	0	3	0	0	0	1
628	12/03/2018	235	16	32	222.196	25	3	0	0	3	0	0	0	1
629	12/03/2018	361	52	28	222.196	27	1	1	4	8	0	0	1	0
630	13/03/2018	179	51	38	222.196	31	1	0	0	8	1	0	0	0
631	14/03/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1
632	15/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
633	16/03/2018	179	26	30	222.196	19	3	0	0	2	0	0	0	1
634	19/03/2018	179	51	38	222.196	31	1	0	0	4	1	0	0	0
635	19/03/2018	248	25	47	222.196	32	1	2	1	2	1	0	0	0
636	19/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
637	19/03/2018	225	26	28	222.196	24	1	1	2	8	1	0	0	0
638	20/03/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1
639	21/03/2018	289	36	33	222.196	30	1	2	1	8	0	0	0	1
640	21/03/2018	228	14	58	222.196	22	1	2	1	2	0	0	0	1
641	21/03/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1
642	22/03/2018	248	25	47	222.196	32	1	2	1	3	0	0	0	1
643	22/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
644	23/03/2018	179	26	30	222.196	19	3	0	0	2	0	0	0	1
645	23/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
646	27/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
647	28/03/2018	118	15	46	222.196	25	1	2	0	8	0	0	0	1
648	28/03/2018	155	12	34	222.196	25	1	2	0	24	1	0	0	0
649	28/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
650	29/03/2018	179	51	38	222.196	31	1	0	0	3	0	0	0	1
651	26/03/2018	179	26	30	222.196	19	3	0	0	2	1	0	0	0
652	26/03/2018	289	36	33	222.196	30	1	2	1	104	0	0	1	0
653	28/03/2018	369	17	31	222.196	25	1	3	0	8	0	0	0	1
654	02/04/2018	225	26	28	246.288	24	1	1	2	8	1	0	0	0
655	03/04/2018	179	51	38	222.196	31	1	0	0	2	0	0	0	1



655	02/04/2018	118	10	37	246.288	28	1	0	0	8	1	0	0	0	
656	03/04/2018	361	52	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours	8	0	0	2	0
657	04/04/2018	248	25	47	246.288	32	1	2	1	8	0	0	1	0	
658	05/04/2018	189	29	33	246.288	25	1	2	2	8	1	0	0	0	
659	06/04/2018	179	26	30	246.288	19	3	0	0	2	0	0	0	1	
660	09/04/2018	369	17	31	246.288	25	1	3	0	24	1	0	0	0	
661	10/04/2018	179	22	40	246.288	22	2	2	0	2	0	1	0	0	
662	10/04/2018	118	13	50	246.288	31	1	1	0	3	0	0	0	1	
663	10/04/2018	361	52	28	246.288	27	1	1	4	2	0	0	0	1	
664	11/04/2018	118	10	37	246.288	28	1	0	0	2	1	0	0	0	
665	13/04/2018	235	11	37	246.288	29	3	1	1	8	0	0	0	1	
666	13/04/2018	179	26	30	246.288	19	3	0	0	2	0	0	0	1	
667	16/04/2018	225	26	28	246.288	24	1	1	2	8	0	0	1	0	
668	17/04/2018	235	16	32	246.288	25	3	0	0	3	0	1	0	0	
669	20/04/2018	179	26	30	246.288	19	3	0	0	2	0	0	0	1	
670	24/04/2018	155	12	34	246.288	25	1	2	0	4	0	0	0	1	
671	26/04/2018	225	26	28	246.288	24	1	1	2	8	0	0	1	0	
672	26/04/2018	118	13	50	246.288	31	1	1	0	2	1	0	0	0	
673	27/04/2018	179	26	30	246.288	19	3	0	0	2	0	0	0	1	
674	07/05/2018	235	11	37	237.656	29	3	1	1	8	0	0	0	1	
675	09/05/2018	225	15	41	237.656	28	4	2	2	3	0	0	1	0	
676	09/05/2018	235	16	32	237.656	25	3	0	0	2	0	0	0	1	
677	09/05/2018	118	10	37	237.656	28	1	0	0	3	1	0	0	0	
678	09/05/2018	235	20	43	237.656	38	1	1	0	8	0	0	0	1	
679	10/05/2018	179	26	30	237.656	19	3	0	0	1	1	0	0	0	
680	10/05/2018	291	31	40	237.656	25	1	1	1	2	0	0	0	1	
681	10/05/2018	225	15	41	237.656	28	4	2	2	8	1	0	0	0	
682	11/05/2018	300	26	43	237.656	25	1	2	1	64	0	0	1	0	
683	11/05/2018	225	15	41	237.656	28	4	2	2	8	0	0	0	1	
684	11/05/2018	179	26	30	237.656	19	3	0	0	2	0	0	0	1	
685	14/05/2018	118	13	50	237.656	31	1	1	0	2	0	0	0	1	
686	15/05/2018	118	13	50	237.656	31	1	1	0	3	1	0	0	0	
687	15/05/2018	118	10	37	237.656	28	1	0	0	1	0	0	0	1	
688	15/05/2018	118	13	50	237.656	31	1	1	0	0	0	0	0	0	
689	16/05/2018	179	26	30	237.656	19	3	0	0	2	0	0	0	1	
690	16/05/2018	378	49	36	237.656	21	1	2	4	0	0	0	0	0	
691	18/05/2018	179	22	40	237.656	22	2	2	0	1	0	1	0	0	
692	21/05/2018	155	12	34	237.656	25	1	2	0	48	1	0	0	0	
693	21/05/2018	235	16	32	237.656	25	3	0	0	8	1	0	0	0	
694	23/05/2018	291	31	40	237.656	25	1	1	1	8	0	0	0	1	
695	23/05/2018	179	22	40	237.656	22	2	2	0	8	1	0	0	0	
696	23/05/2018	225	26	28	237.656	24	1	1	2	3	1	0	0	0	
697	24/05/2018	330	16	28	237.656	25	2	0	0	8	1	0	0	0	
698	24/05/2018	235	16	32	237.656	25	3	0	0	2	0	0	0	1	
699	31/05/2018	291	31	40	237.656	25	1	1	1	2	0	0	0	1	

In [26]:

```
df = df1.copy()
```

In [31]:

```
df.columns.values
```

```
Out[31]:
```

```
array(['Date', 'Transportation Expense', 'Distance to Work', 'Age',  
      'Daily Work Load Average', 'Body Mass Index', 'Education',  
      'Children', 'Pets', 'Absenteeism Time in Hours', 0, 1, 2, 3],  
      dtype=object)
```

```
In [34]:
```

```
columns_names = ['Date', 'Transportation Expense', 'Distance to Work', 'Age',  
                 'Daily Work Load Average', 'Body Mass Index', 'Education',  
                 'Children', 'Pets', 'Absenteeism Time in Hours', 'Reason Type 1', 'Reason Type 2', 'Reason Type  
3', 'Reason Type 4']  
df.columns = columns_names
```

```
In [35]:
```

```
reordered_columns = ['Reason Type 1', 'Reason Type 2', 'Reason Type 3', 'Reason Type 4', 'Date',  
                    'Transportation Expense', 'Distance to Work', 'Age',  
                    'Daily Work Load Average', 'Body Mass Index', 'Education',  
                    'Children', 'Pets', 'Absenteeism Time in Hours']  
df = df[reordered_columns]
```

```
In [36]:
```

```
df.head()
```

```
Out[36]:
```

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absentee Time Hc
0	0	0	0	1	07/07/2015	289	36	33	239.554	30	1	2	1	
1	0	0	0	0	14/07/2015	118	13	50	239.554	31	1	1	0	
2	0	0	0	1	15/07/2015	179	51	38	239.554	31	1	0	0	
3	1	0	0	0	16/07/2015	279	5	39	239.554	24	1	2	0	
4	0	0	0	1	23/07/2015	289	36	33	239.554	30	1	2	1	

```
In [37]:
```

```
df_reason = df.copy()
```

```
In [39]:
```

```
df_reason['Date'] = pd.to_datetime(df_reason['Date'], format='%d/%m/%Y')  
df_reason.info()
```

```
<class 'pandas.core.frame.DataFrame'>
```

```
RangeIndex: 700 entries, 0 to 699
```

```
Data columns (total 14 columns):
```

#	Column	Non-Null Count	Dtype
0	Reason Type 1	700 non-null	uint8
1	Reason Type 2	700 non-null	uint8
2	Reason Type 3	700 non-null	uint8
3	Reason Type 4	700 non-null	uint8
4	Date	700 non-null	datetime64[ns]
5	Transportation Expense	700 non-null	int64
6	Distance to Work	700 non-null	int64
7	Age	700 non-null	int64
8	Daily Work Load Average	700 non-null	float64
9	Body Mass Index	700 non-null	int64
10	Education	700 non-null	int64
11	Children	700 non-null	int64
12	Pets	700 non-null	int64

In [53]:

Out[53]:

In [46]:

Out[46]:

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In [47]:

```
df_reason['Month'] = list_of_months
```

In [51]:

```
df_reason['Date'][0].weekday()
```

Out[51]:

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In [54]:

```
list_of_weekdays = []
for i in range(700):
    list_of_weekdays.append(df_reason['Date'][i].weekday())
```

In [55]:

```
list_of_weekdays
```

Out [55]:

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```

In [56]:

```
df_reason['Weekdays'] = list_of_weekdays  
df_reason.head()
```

Out[56]:

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Date	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets	Absenteeism Time in Hours
0	0	0	0	1	2015-07-07	289	36	33	239.554	30	1	2	1	4
1	0	0	0	0	2015-07-14	118	13	50	239.554	31	1	1	0	0
2	0	0	0	1	2015-07-15	179	51	38	239.554	31	1	0	0	2
3	1	0	0	0	2015-07-16	279	5	39	239.554	24	1	2	0	4
4	0	0	0	1	2015-07-23	289	36	33	239.554	30	1	2	1	2

In [57]:

```
df_reason = df_reason.drop(['Date'],axis=1)
```

In [58]:

```
df_reason.columns.values
```

Out[58]:

```
array(['Reason Type 1', 'Reason Type 2', 'Reason Type 3', 'Reason Type 4',
      'Transportation Expense', 'Distance to Work', 'Age',
      'Daily Work Load Average', 'Body Mass Index', 'Education',
      'Children', 'Pets', 'Absenteeism Time in Hours', 'Month',
      'Weekdays'], dtype=object)
```

In [61]:

```
reordered_coulmns1 = ['Reason Type 1', 'Reason Type 2', 'Reason Type 3', 'Reason Type 4', 'Month',
                      'Weekdays',
                      'Transportation Expense', 'Distance to Work', 'Age',
                      'Daily Work Load Average', 'Body Mass Index', 'Education',
                      'Children', 'Pets', 'Absenteeism Time in Hours']
df_reason = df_reason[reordered_coulmns1]
df_reason.head()
```

Out[61]:

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Month	Weekdays	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets
0	0	0	0	1	7	1	289	36	33	239.554	30	1	2	1
1	0	0	0	0	7	1	118	13	50	239.554	31	1	1	0
2	0	0	0	1	7	2	179	51	38	239.554	31	1	0	0
3	1	0	0	0	7	3	279	5	39	239.554	24	1	2	0
4	0	0	0	1	7	3	289	36	33	239.554	30	1	2	1

In [75]:

```
df_datetime = df_reason.copy()
df_datetime.head()
```

Out[75]:

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Month	Weekdays	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets
0	0	0	0	1	7	1	289	36	33	239.554	30	1	2	1

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Month	Weekdays	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets
3	1	0	0	0	7	3	279	5	39	239.554	24	1	2	0
4	0	0	0	1	7	3	289	36	33	239.554	30	1	2	1

In [76]:

```
df_datetime['Education'] = df_datetime['Education'].map({1:0,2:1,3:1,4:1})
df_datetime.head()
```

Out[76]:

	Reason Type 1	Reason Type 2	Reason Type 3	Reason Type 4	Month	Weekdays	Transportation Expense	Distance to Work	Age	Daily Work Load Average	Body Mass Index	Education	Children	Pets
0	0	0	0	1	7	1	289	36	33	239.554	30	0	2	1
1	0	0	0	0	7	1	118	13	50	239.554	31	0	1	0
2	0	0	0	1	7	2	179	51	38	239.554	31	0	0	0
3	1	0	0	0	7	3	279	5	39	239.554	24	0	2	0
4	0	0	0	1	7	3	289	36	33	239.554	30	0	2	1

In [77]:

```
df_preprocessed = df_datetime.copy()
```

In [78]:

```
df_preprocessed.to_csv('Absenteeism_preprocessed.csv', index=False)
```

In [79]:

```
df_preprocessed.to_csv('G:/New Folder/Absenteeism_preprocessed.csv', index=False)
```