

```
import numpy as np
import pandas as pd
import seaborn as sns
```

```
from google.colab import files
uploaded = files.upload(
```

```
)
```

WA_Fn-UseC...on (2).csv

- **WA_Fn-UseC_-HR-Employee-Attrition (2).csv**(text/csv) - 227974 bytes, last modified: 9/16/2022 - 11:00 AM
Saving WA_Fn-UseC_-HR-Employee-Attrition (2).csv to WA_Fn-UseC_-HR-Employee-Attrition (2).csv

```
df = pd.read_csv('WA_Fn-UseC_-HR-Employee-Attrition (2).csv')
df.head(60)
```



	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Educat
0	41	Yes	Travel_Rarely	1102	Sales	1	
1	49	No	Travel_Frequently	279	Research & Development	8	
2	37	Yes	Travel_Rarely	1373	Research & Development	2	
3	33	No	Travel_Frequently	1392	Research & Development	3	
4	27	No	Travel_Rarely	591	Research & Development	2	
5	32	No	Travel_Frequently	1005	Research & Development	2	
6	59	No	Travel_Rarely	1324	Research & Development	3	
7	30	No	Travel_Rarely	1358	Research & Development	24	
8	38	No	Travel_Frequently	216	Research & Development	23	
9	36	No	Travel_Rarely	1299	Research & Development	27	
10	35	No	Travel_Rarely	809	Research & Development	16	
11	29	No	Travel_Rarely	153	Research & Development	15	
12	31	No	Travel_Rarely	670	Research & Development	26	
13	34	No	Travel_Rarely	1346	Research & Development	19	
14	28	Yes	Travel_Rarely	103	Research & Development	24	
15	29	No	Travel_Rarely	1389	Research & Development	21	
16	32	No	Travel_Rarely	334	Research & Development	5	
17	22	No	Non-Travel	1123	Research & Development	16	
18	53	No	Travel_Rarely	1219	Sales	2	
19	38	No	Travel_Rarely	371	Research & Development	2	
20	24	No	Non-Travel	673	Research & Development	11	
21	26	Yes	Travel_Rarely	1218	Sales	0	

21	30	Yes	Travel_Rarely	1210	Sales	9
22	34	No	Travel_Rarely	419	Research & Development	7
23	21	No	Travel_Rarely	391	Research & Development	15
24	34	Yes	Travel_Rarely	699	Research & Development	6
25	53	No	Travel_Rarely	1282	Research & Development	5
26	32	Yes	Travel_Frequently	1125	Research & Development	16
27	42	No	Travel_Rarely	691	Sales	8
28	44	No	Travel_Rarely	477	Research & Development	7
29	46	No	Travel_Rarely	705	Sales	2
30	33	No	Travel_Rarely	924	Research & Development	2
31	44	No	Travel_Rarely	1459	Research & Development	10
32	30	No	Travel_Rarely	125	Research & Development	9
33	39	Yes	Travel_Rarely	895	Sales	5
34	24	Yes	Travel_Rarely	813	Research & Development	1
35	43	No	Travel_Rarely	1273	Research & Development	2
36	50	Yes	Travel_Rarely	869	Sales	3
37	35	No	Travel_Rarely	890	Sales	2
38	36	No	Travel_Rarely	852	Research & Development	5
39	33	No	Travel_Frequently	1141	Sales	1
40	35	No	Travel_Rarely	464	Research & Development	4
41	27	No	Travel_Rarely	1240	Research & Development	2
42	26	Yes	Travel_Rarely	1357	Research & Development	25
43	27	No	Travel_Frequently	994	Sales	8
44	30	No	Travel_Frequently	721	Research & Development	1

45	41	Yes	Travel_Rarely	1360	Research & Development	12
46	34	No	Non-Travel	1065	Sales	23
47	37	No	Travel_Rarely	408	Research & Development	19
48	46	No	Travel_Frequently	1211	Sales	5
49	35	No	Travel_Rarely	1229	Research & Development	8
50	48	Yes	Travel_Rarely	626	Research & Development	1
51	28	Yes	Travel_Rarely	1434	Research & Development	5
52	44	No	Travel_Rarely	1488	Sales	1
53	35	No	Non-Travel	1097	Research & Development	11
54	26	No	Travel_Rarely	1443	Sales	23
55	33	No	Travel_Frequently	515	Research & Development	1
 56	35	No	Travel_Frequently	853	Sales	18