In [2]:
```
import pandas as pd
```

In [7]:
```
data = pd.read_csv("C:\\Unified_Mentor\\Python_Projects\\drive-download-20231108T03493
```

In [8]:
```
# Display the first few rows of the DataFrame
print(data.head())
```

```
   EmployeeID  Age Attrition     BusinessTravel              Department  \
0           1   51        No      Travel_Rarely                   Sales
1           2   31       Yes  Travel_Frequently  Research & Development
2           3   32        No  Travel_Frequently  Research & Development
3           4   38        No         Non-Travel  Research & Development
4           5   32        No      Travel_Rarely  Research & Development

   DistanceFromHome  Education EducationField  EmployeeCount  Gender  ...  \
0                 6          2  Life Sciences              1  Female  ...
1                10          1  Life Sciences              1  Female  ...
2                17          4          Other              1    Male  ...
3                 2          5  Life Sciences              1    Male  ...
4                10          1        Medical              1    Male  ...

   TotalWorkingYears TrainingTimesLastYear YearsAtCompany  \
0               1.0                     6              1
1               6.0                     3              5
2               5.0                     2              5
3              13.0                     5              8
4               9.0                     2              6

   YearsSinceLastPromotion  YearsWithCurrManager EnvironmentSatisfaction  \
0                        0                     0                     3.0
1                        1                     4                     3.0
2                        0                     3                     2.0
3                        7                     5                     4.0
4                        0                     4                     4.0

   JobSatisfaction  WorkLifeBalance  JobInvolvement  PerformanceRating
0              4.0              2.0               3                  3
1              2.0              4.0               2                  4
2              2.0              1.0               3                  3
3              4.0              3.0               2                  3
4              1.0              3.0               3                  3

[5 rows x 29 columns]
```

In [9]:
```
print(data.info())
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4410 entries, 0 to 4409
Data columns (total 29 columns):
 #   Column                    Non-Null Count  Dtype  
---  ------                    --------------  -----  
 0   EmployeeID                4410 non-null   int64  
 1   Age                       4410 non-null   int64  
 2   Attrition                 4410 non-null   object 
 3   BusinessTravel            4410 non-null   object 
 4   Department                4410 non-null   object 
 5   DistanceFromHome          4410 non-null   int64  
 6   Education                 4410 non-null   int64  
 7   EducationField            4410 non-null   object 
 8   EmployeeCount             4410 non-null   int64  
 9   Gender                    4410 non-null   object 
 10  JobLevel                  4410 non-null   int64  
 11  JobRole                   4410 non-null   object 
 12  MaritalStatus             4410 non-null   object 
 13  MonthlyIncome             4410 non-null   int64  
 14  NumCompaniesWorked        4391 non-null   float64
 15  Over18                    4410 non-null   object 
 16  PercentSalaryHike         4410 non-null   int64  
 17  StandardHours             4410 non-null   int64  
 18  StockOptionLevel          4410 non-null   int64  
 19  TotalWorkingYears         4401 non-null   float64
 20  TrainingTimesLastYear     4410 non-null   int64  
 21  YearsAtCompany            4410 non-null   int64  
 22  YearsSinceLastPromotion   4410 non-null   int64  
 23  YearsWithCurrManager      4410 non-null   int64  
 24  EnvironmentSatisfaction   4385 non-null   float64
 25  JobSatisfaction           4390 non-null   float64
 26  WorkLifeBalance           4372 non-null   float64
 27  JobInvolvement            4410 non-null   int64  
 28  PerformanceRating         4410 non-null   int64  
dtypes: float64(5), int64(16), object(8)
memory usage: 999.3+ KB
None
```

In [10]:
```
# Drop rows with missing values
data.dropna(inplace=True)

# Fill missing values with a specific value (for example, filling NaN with 0)
data.fillna(0, inplace=True)
```

In [11]:
```
data.to_csv('Employee Attrition Analysis.csv', index=False)
```

In [12]:
```
data = pd.read_csv('Employee Attrition Analysis.csv')
```

In [13]:
```
print(data.head())
```

```
   EmployeeID  Age Attrition     BusinessTravel              Department  \
0           1   51        No      Travel_Rarely                   Sales
1           2   31       Yes  Travel_Frequently  Research & Development
2           3   32        No  Travel_Frequently  Research & Development
3           4   38        No         Non-Travel  Research & Development
4           5   32        No      Travel_Rarely  Research & Development

   DistanceFromHome  Education EducationField  EmployeeCount  Gender  ...  \
0                 6          2  Life Sciences              1  Female  ...
1                10          1  Life Sciences              1  Female  ...
2                17          4          Other              1    Male  ...
3                 2          5  Life Sciences              1    Male  ...
4                10          1        Medical              1    Male  ...

   TotalWorkingYears  TrainingTimesLastYear  YearsAtCompany  \
0                1.0                      6               1
1                6.0                      3               5
2                5.0                      2               5
3               13.0                      5               8
4                9.0                      2               6

   YearsSinceLastPromotion  YearsWithCurrManager  EnvironmentSatisfaction  \
0                        0                     0                      3.0
1                        1                     4                      3.0
2                        0                     3                      2.0
3                        7                     5                      4.0
4                        0                     4                      4.0

   JobSatisfaction  WorkLifeBalance  JobInvolvement  PerformanceRating
0              4.0              2.0               3                  3
1              2.0              4.0               2                  4
2              2.0              1.0               3                  3
3              4.0              3.0               2                  3
4              1.0              3.0               3                  3

[5 rows x 29 columns]
```