

```
In [1]: import pandas as pd
```

```
In [3]: emp=pd.read_excel(r'C:\Users\DELL\Downloads\Rawdata.xlsx')
```

```
In [4]: emp
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34 years	Mumbai	5^00#0	2+
1	Teddy^	Testing	45' yr	Bangalore	10%000	<3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1\$5%000	4> yrs
3	Jane	Ana^^lytics	NaN	Hyderabad	2000^0	NaN
4	Uttam*	Statistics	67-yr	NaN	30000-	5+ year
5	Kim	NLP	55yr	Delhi	6000^\$0	10+

```
In [5]: emp.shape
```

```
Out[5]: (6, 6)
```

```
In [6]: len(emp)
```

```
Out[6]: 6
```

```
In [7]: emp.columns
```

```
Out[7]: Index(['Name', 'Domain', 'Age', 'Location', 'Salary', 'Exp'], dtype='object')
```

```
In [8]: len(emp.columns)
```

```
Out[8]: 6
```

```
In [9]: emp.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6 entries, 0 to 5
Data columns (total 6 columns):
 #   Column      Non-Null Count  Dtype  
--- 
 0   Name        6 non-null      object 
 1   Domain      6 non-null      object 
 2   Age         4 non-null      object 
 3   Location    4 non-null      object 
 4   Salary      6 non-null      object 
 5   Exp         5 non-null      object 
dtypes: object(6)
memory usage: 420.0+ bytes
```

```
In [10]: emp
```

Out[10]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34 years	Mumbai	5^00#0	2+
1	Teddy^	Testing	45' yr	Bangalore	10%#000	<3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1\$5%000	4> yrs
3	Jane	Ana^^lytics	NaN	Hyderabad	2000^0	NaN
4	Uttam*	Statistics	67-yr	NaN	30000-	5+ year
5	Kim	NLP	55yr	Delhi	6000^\$0	10+

In [11]: emp['Name']

```
Out[11]: 0      Mike
         1     Teddy^
         2     Uma#r
         3      Jane
         4    Uttam*
         5      Kim
Name: Name, dtype: object
```

In [12]: emp['Domain']

```
Out[12]: 0      Datascience#$"
         1          Testing
         2  Dataanalyst^^#
         3      Ana^^lytics
         4      Statistics
         5        NLP
Name: Domain, dtype: object
```

In [13]: emp['Age']

```
Out[13]: 0      34 years
         1      45' yr
         2        NaN
         3        NaN
         4     67-yr
         5      55yr
Name: Age, dtype: object
```

In [15]: emp['Location']

```
Out[15]: 0      Mumbai
         1    Bangalore
         2        NaN
         3   Hyderabad
         4        NaN
         5      Delhi
Name: Location, dtype: object
```

In [14]: emp['Salary']

```
Out[14]: 0      5^00#0
         1      10%%000
         2      1$5%000
         3      2000^0
         4      30000-
         5      6000^$0
Name: Salary, dtype: object
```

```
In [16]: emp['Exp']
```

```
Out[16]: 0      2+
         1      <3
         2      4> yrs
         3      NaN
         4      5+ year
         5      10+
Name: Exp, dtype: object
```

```
In [17]: emp[['Name', 'Domain']]
```

	Name	Domain
0	Mike	Datascience#\$
1	Teddy^	Testing
2	Uma#r	Dataanalyst^^#
3	Jane	Ana^^lytics
4	Uttam*	Statistics
5	Kim	NLP

```
In [18]: emp[['Name', 'Domain', 'Age', 'Location', 'Salary', 'Exp']]
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34 years	Mumbai	5^00#0	2+
1	Teddy^	Testing	45' yr	Bangalore	10%%000	<3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1\$5%000	4> yrs
3	Jane	Ana^^lytics	NaN	Hyderabad	2000^0	NaN
4	Uttam*	Statistics	67-yr	NaN	30000-	5+ year
5	Kim	NLP	55yr	Delhi	6000^\$0	10+

Data Cleansing

```
In [19]: emp['Name']
```

```
Out[19]: 0      Mike
         1    Teddy^
         2    Uma#r
         3     Jane
         4   Uttam*
         5      Kim
Name: Name, dtype: object
```

```
In [20]: emp['Name'] = emp['Name'].str.replace(r'\W', '')
```

```
In [21]: emp['Name']
```

```
Out[21]: 0      Mike
         1    Teddy^
         2    Uma#r
         3     Jane
         4   Uttam*
         5      Kim
Name: Name, dtype: object
```

```
In [22]: emp['Domain'] = emp['Domain'].str.replace(r'\W', '')
```

```
In [23]: emp['Domain']
```

```
Out[23]: 0      Datascience$$
         1        Testing
         2  Dataanalyst^^#
         3    Ana^^lytics
         4      Statistics
         5          NLP
Name: Domain, dtype: object
```

```
In [24]: emp['Age'] = emp['Age'].str.replace(r'\W', '')
```

```
In [25]: emp['Age']
```

```
Out[25]: 0    34 years
         1    45' yr
         2      NaN
         3      NaN
         4    67-yr
         5    55yr
Name: Age, dtype: object
```

```
In [26]: emp['Age'] = emp['Age'].str.extract('(\d+)')
```

```
<>:1: SyntaxWarning: invalid escape sequence '\d'
<>:1: SyntaxWarning: invalid escape sequence '\d'
C:\Users\DELL\AppData\Local\Temp\ipykernel_8264\1884116463.py:1: SyntaxWarning: invalid escape sequence '\d'
emp['Age'] = emp['Age'].str.extract('(\d+)')
```

```
In [27]: emp['Age']
```

```
Out[27]: 0    34
         1    45
         2    NaN
         3    NaN
         4    67
         5    55
Name: Age, dtype: object
```

```
In [28]: emp
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5^00#0	2+
1	Teddy^	Testing	45	Bangalore	10%#000	<3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1\$5%000	4> yrs
3	Jane	Ana^^lytics	NaN	Hyderbad	2000^0	NaN
4	Uttam*	Statistics	67	NaN	30000-	5+ year
5	Kim	NLP	55	Delhi	6000^\$0	10+

```
In [29]: emp['Location'] = emp['Location'].str.replace(r'\W','')
```

```
In [30]: emp['Location']
```

```
Out[30]: 0      Mumbai
         1    Bangalore
         2      NaN
         3   Hyderbad
         4      NaN
         5      Delhi
Name: Location, dtype: object
```

```
In [31]: emp['Salary'] = emp['Salary'].str.replace(r'\W','')
```

```
In [32]: emp['Salary']
```

```
Out[32]: 0    5^00#0
         1  10%#000
         2  1$5%000
         3  2000^0
         4  30000-
         5  6000^$0
Name: Salary, dtype: object
```

```
In [34]: emp['Salary'] = emp['Salary'].str.extract('(\d+)')
```

```
<>:1: SyntaxWarning: invalid escape sequence '\d'
<>:1: SyntaxWarning: invalid escape sequence '\d'
C:\Users\DELL\AppData\Local\Temp\ipykernel_8264\354079153.py:1: SyntaxWarning: invalid
escape sequence '\d'
emp['Salary'] = emp['Salary'].str.extract('(\d+)')
```

In [35]: `emp['Salary']`

Out[35]:

0	5
1	10
2	1
3	2000
4	30000
5	6000

Name: Salary, dtype: object

In [36]: `emp['Exp'] = emp['Exp'].str.extract('(\d+)')`

```
<>:1: SyntaxWarning: invalid escape sequence '\d'
<>:1: SyntaxWarning: invalid escape sequence '\d'
C:\Users\DELL\AppData\Local\Temp\ipykernel_8264\3836251810.py:1: SyntaxWarning: invalid escape sequence '\d'
    emp['Exp'] = emp['Exp'].str.extract('(\d+)')
```

In [37]: `emp['Exp']`

Out[37]:

0	2
1	3
2	4
3	NaN
4	5
5	10

Name: Exp, dtype: object

In [38]: `emp`

Out[38]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1	4
3	Jane	Ana^^lytics	NaN	Hyderbad	2000	NaN
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [39]: `clean_data=emp.copy()`

In [40]: `clean_data`

Out[40]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1	4
3	Jane	Ana^^lytics	NaN	Hyderbad	2000	NaN
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

Missing Value Treatment

In [41]: `clean_data`

Out[41]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1	4
3	Jane	Ana^^lytics	NaN	Hyderbad	2000	NaN
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [42]: `clean_data.info()`

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6 entries, 0 to 5
Data columns (total 6 columns):
 #   Column    Non-Null Count  Dtype  
--- 
 0   Name      6 non-null     object 
 1   Domain    6 non-null     object 
 2   Age       4 non-null     object 
 3   Location  4 non-null     object 
 4   Salary    6 non-null     object 
 5   Exp       5 non-null     object 
dtypes: object(6)
memory usage: 420.0+ bytes
```

In [43]: `import numpy as np`

In [44]: `clean_data`

Out[44]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	NaN	NaN	1	4
3	Jane	Ana^^lytics	NaN	Hyderbad	2000	NaN
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [45]: `clean_data.head(1)`

Out[45]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2

In [46]: `clean_data['Age']`

Out[46]:

```
0    34
1    45
2    NaN
3    NaN
4    67
5    55
Name: Age, dtype: object
```

In [47]: `clean_data['Age']=clean_data['Age'].fillna(np.mean(pd.to_numeric(clean_data['Age'])))`

In [48]: `clean_data['Age']`

Out[48]:

```
0    34
1    45
2    50.25
3    50.25
4    67
5    55
Name: Age, dtype: object
```

In [49]: `clean_data`

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50.25	NaN	1	4
3	Jane	Ana^^lytics	50.25	Hyderbad	2000	NaN
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [50]: clean_data['Exp']=clean_data['Exp'].fillna(np.mean(pd.to_numeric(clean_data['Exp'])))
```

```
In [51]: clean_data['Exp']
```

```
Out[51]: 0      2
1      3
2      4
3     4.8
4      5
5     10
Name: Exp, dtype: object
```

```
In [52]: clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50.25	NaN	1	4
3	Jane	Ana^^lytics	50.25	Hyderbad	2000	4.8
4	Uttam*	Statistics	67	NaN	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [53]: clean_data['Location']=clean_data['Location'].fillna(clean_data['Location'].mode()[0])
```

```
In [54]: clean_data['Location']
```

```
Out[54]: 0      Mumbai
1      Bangalore
2      Bangalore
3      Hyderbad
4      Bangalore
5      Delhi
Name: Location, dtype: object
```

```
In [55]: clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50.25	Bangalore	1	4
3	Jane	Ana^^lytics	50.25	Hyderabad	2000	4.8
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [56]: clean_data['Age'] = clean_data['Age'].astype(int)
```

```
In [57]: clean_data['Salary'] = clean_data['Salary'].astype(int)
```

```
In [58]: clean_data['Exp'] = clean_data['Exp'].astype(int)
```

```
In [59]: clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [60]: clean_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6 entries, 0 to 5
Data columns (total 6 columns):
 #   Column    Non-Null Count  Dtype  
--- 
 0   Name      6 non-null     object  
 1   Domain    6 non-null     object  
 2   Age       6 non-null     int32  
 3   Location  6 non-null     object  
 4   Salary    6 non-null     int32  
 5   Exp       6 non-null     int32  
dtypes: int32(3), object(3)
memory usage: 348.0+ bytes
```

```
In [61]: clean_data['Name'] = clean_data['Name'].astype('category')
```

```
In [62]: clean_data['Domain'] = clean_data['Domain'].astype('category')
```

```
In [63]: clean_data['Location'] = clean_data['Location'].astype('category')
```

```
In [64]: clean_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 6 entries, 0 to 5
Data columns (total 6 columns):
 #   Column      Non-Null Count  Dtype  
--- 
 0   Name        6 non-null      category
 1   Domain      6 non-null      category
 2   Age         6 non-null      int32   
 3   Location    6 non-null      category
 4   Salary      6 non-null      int32   
 5   Exp         6 non-null      int32  
dtypes: category(3), int32(3)
memory usage: 866.0 bytes
```

```
In [65]: clean_data
```

```
Out[65]:
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [66]: clean_data.to_csv('clean_data.csv')
```

```
In [67]: import os
os.getcwd()
```

```
Out[67]: 'C:\\Users\\DELL\\Downloads'
```

```
In [69]: clean_data.columns
```

```
Out[69]: Index(['Name', 'Domain', 'Age', 'Location', 'Salary', 'Exp'], dtype='object')
```

```
In [74]: import matplotlib.pyplot as plt
import seaborn as sns
```

```
In [76]: import warnings
warnings.filterwarnings('ignore')
```

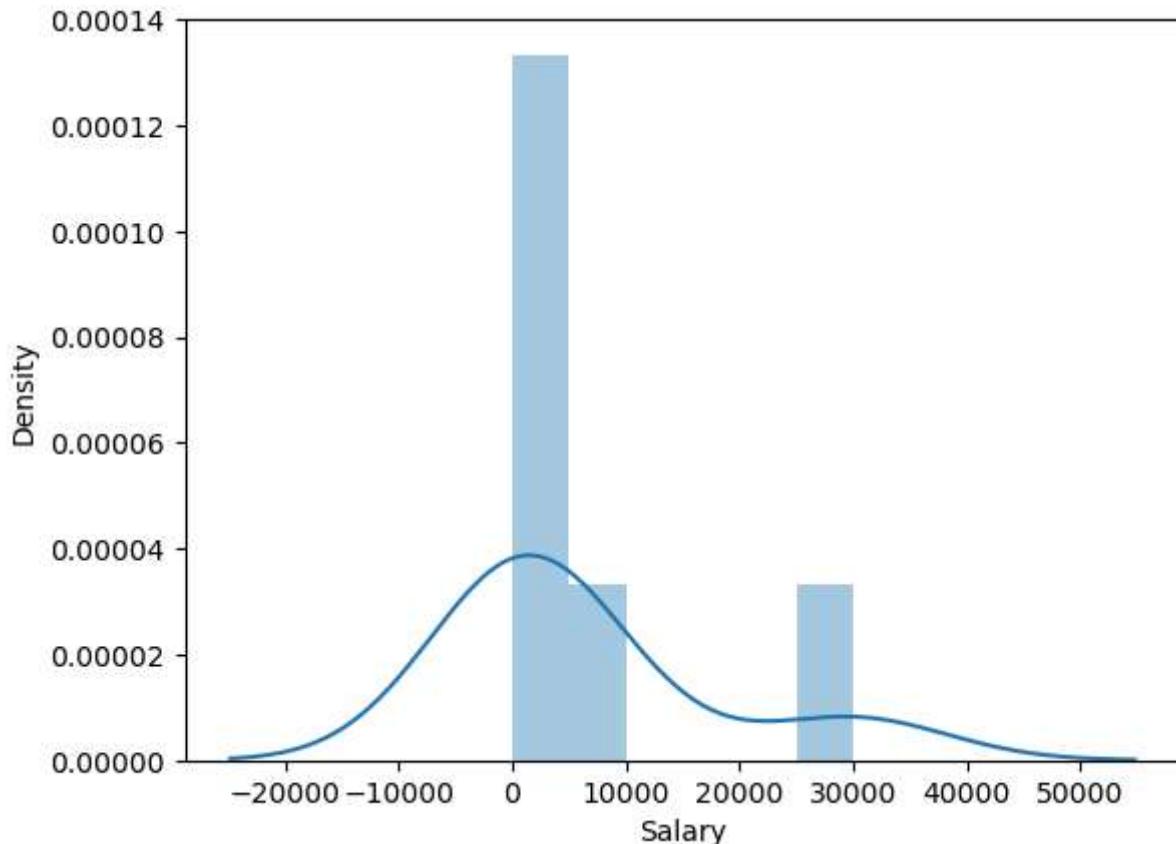
```
In [77]: clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascienc#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderbad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [78]: clean_data['Salary']
```

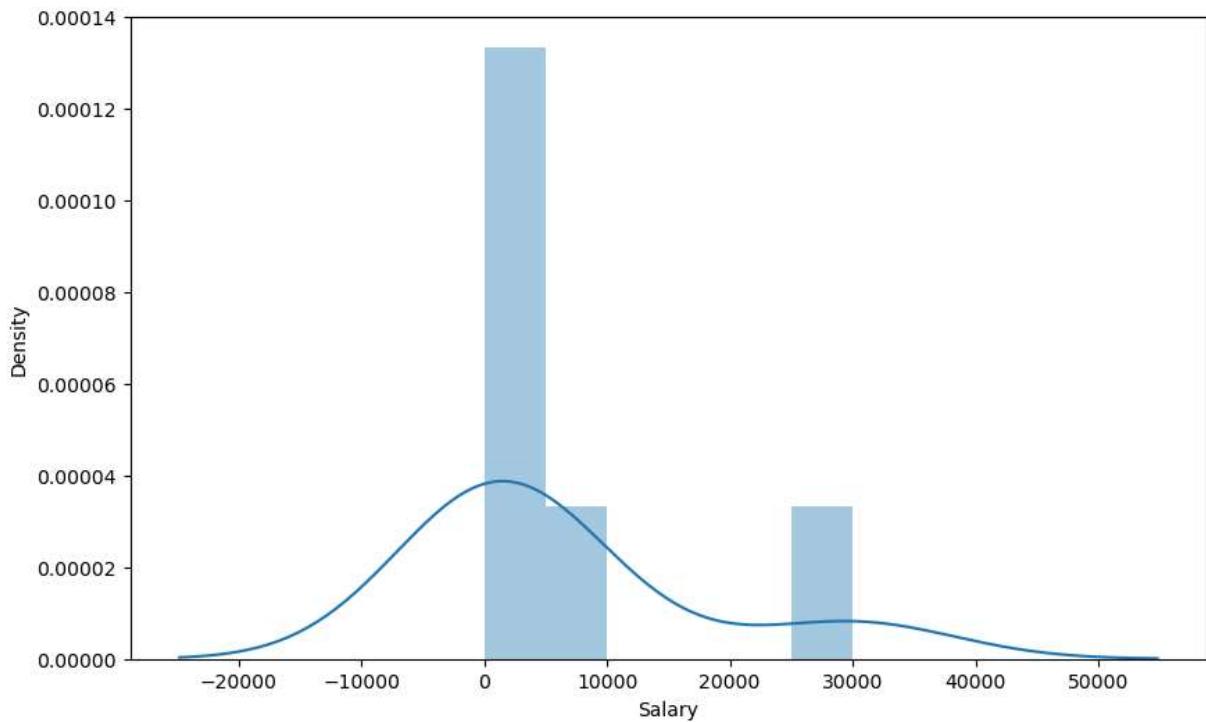
```
Out[78]: 0      5
1     10
2      1
3    2000
4   30000
5    6000
Name: Salary, dtype: int32
```

```
In [79]: vis1 = sns.distplot(clean_data['Salary'])
```

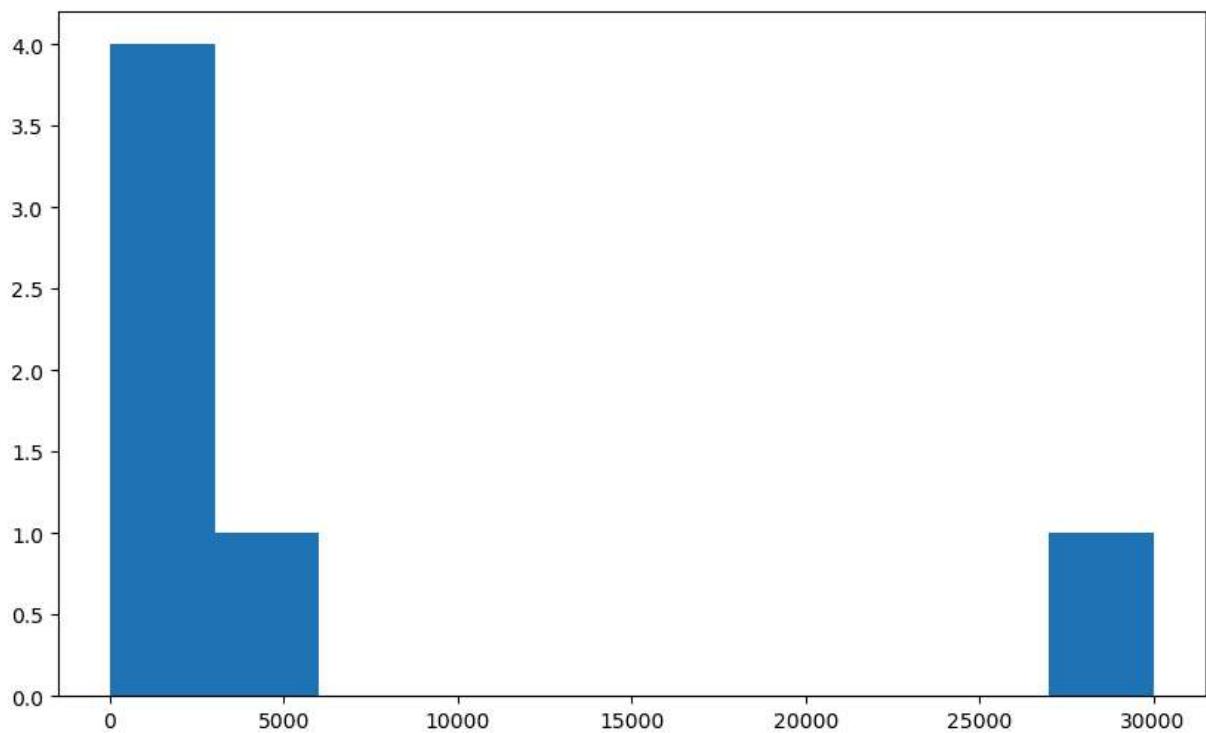


```
In [80]: plt.rcParams['figure.figsize'] = 10,6
```

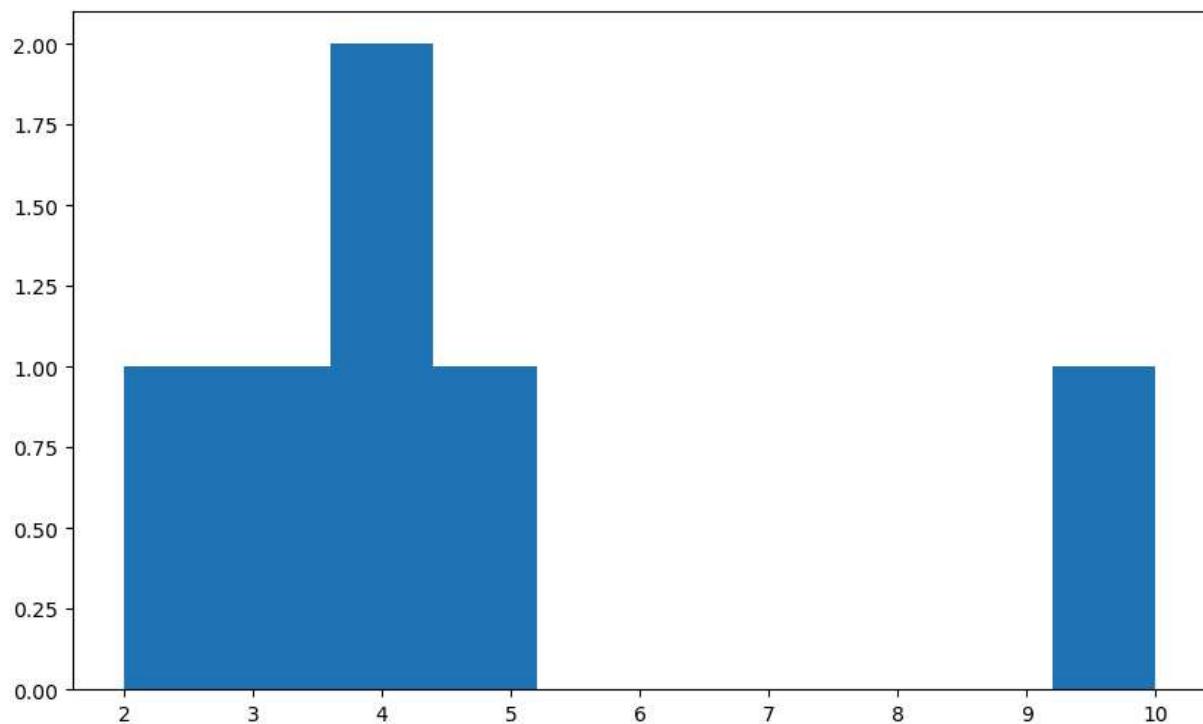
```
In [82]: vis1 = sns.distplot(clean_data['Salary'])
```



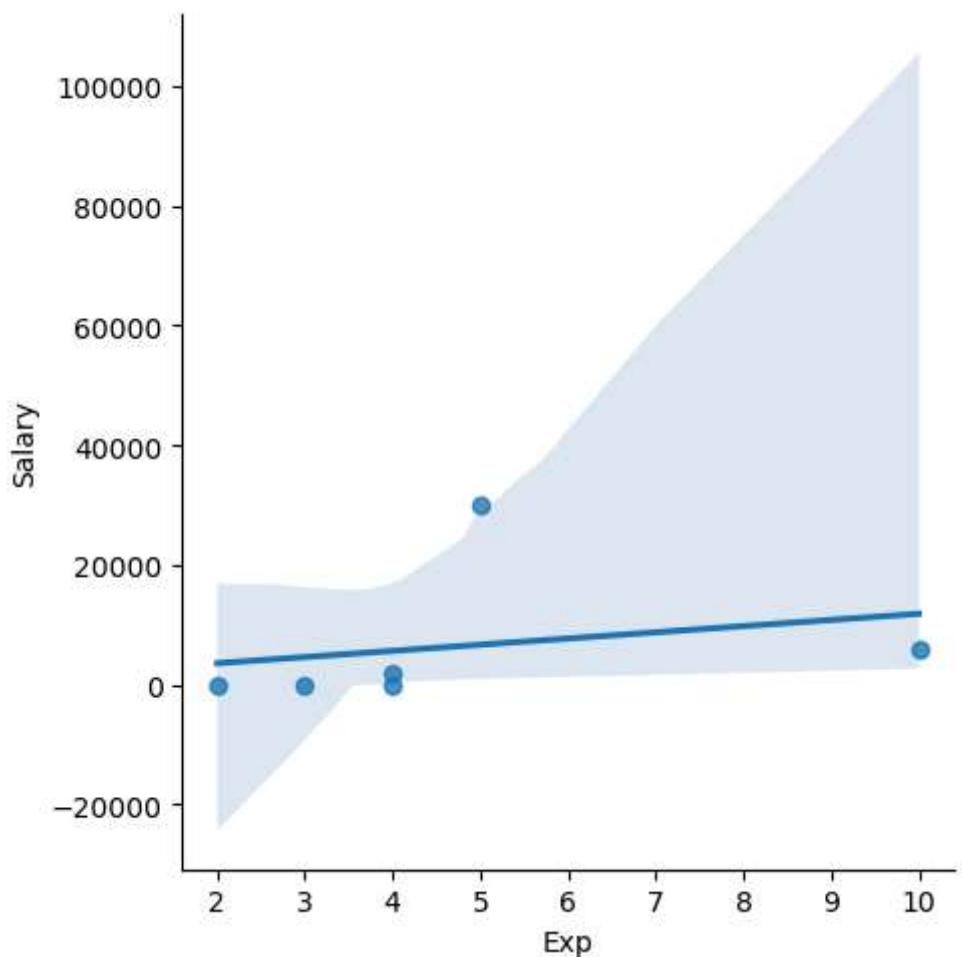
```
In [83]: vis2 = plt.hist(clean_data['Salary'])
```



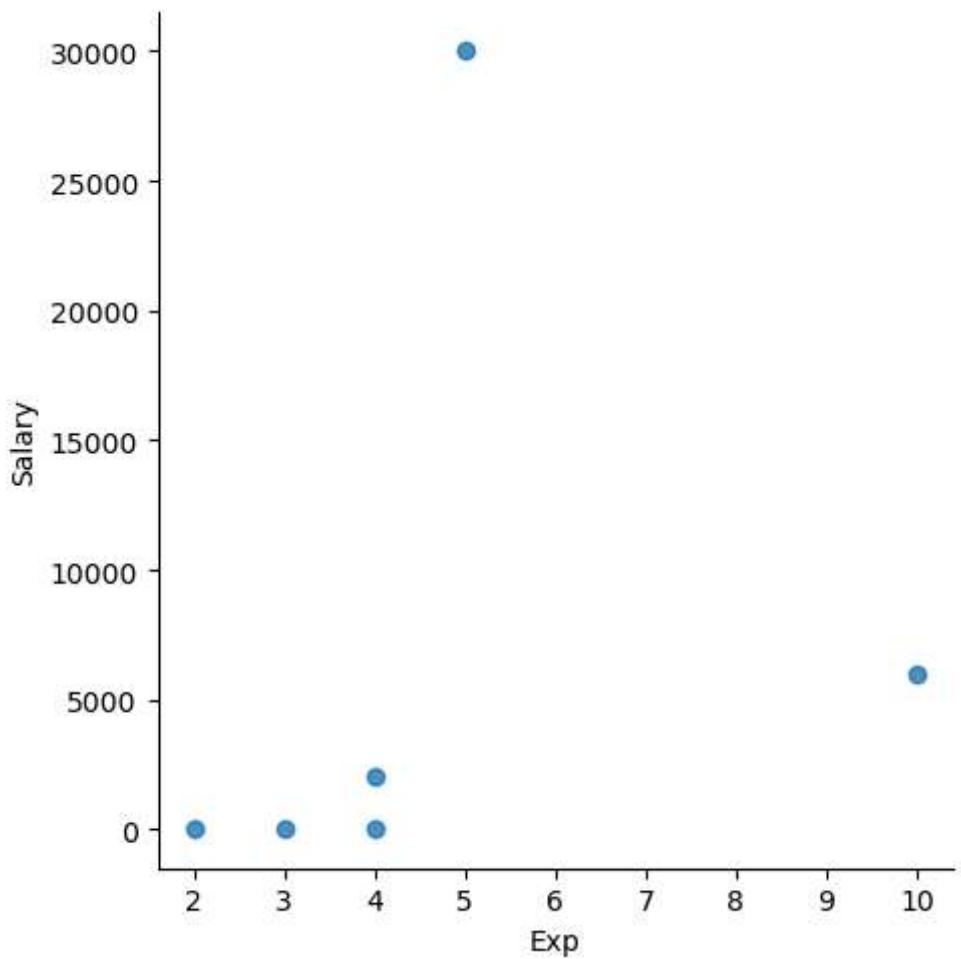
```
In [84]: vis3 = plt.hist(clean_data['Exp'])
```



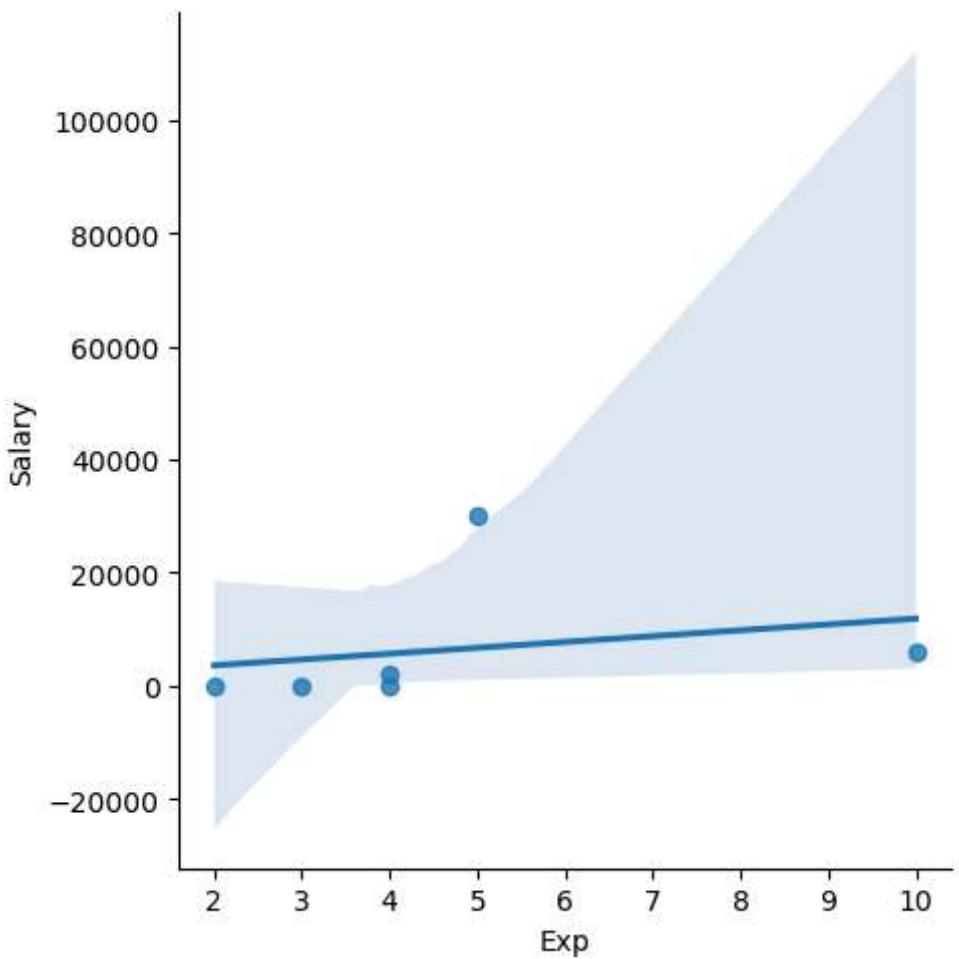
```
In [85]: vis4 = sns.lmplot(data=clean_data,x = 'Exp', y='Salary')
```



```
In [86]: vis5 = sns.lmplot(data=clean_data,x = 'Exp', y='Salary', fit_reg=False)
```



```
In [87]: vis6 = sns.lmplot(data=clean_data,x = 'Exp', y='Salary', fit_reg = True)
```



```
In [88]: clean_data
```

```
Out[88]:
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [89]: clean_data[:]
```

Out[89]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [90]:

clean_data[:2]

Out[90]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3

In [91]:

clean_data[2:]

Out[91]:

	Name	Domain	Age	Location	Salary	Exp
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [93]:

clean_data[:]

Out[93]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [94]:

clean_data[0:1]

Out[94]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2

In [95]: clean_data

Out[95]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [96]: x_iv = clean_data.drop(['Salary'], axis=1)

In [97]: clean_data

Out[97]:

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [98]: x_iv

Out[98]:

	Name	Domain	Age	Location	Exp
0	Mike	Datascience#\$	34	Mumbai	2
1	Teddy^	Testing	45	Bangalore	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	4
3	Jane	Ana^^lytics	50	Hyderabad	4
4	Uttam*	Statistics	67	Bangalore	5
5	Kim	NLP	55	Delhi	10

In [99]: x_iv.columns

```
Out[99]: Index(['Name', 'Domain', 'Age', 'Location', 'Exp'], dtype='object')
```

```
In [100... clean_data.columns
```

```
Out[100... Index(['Name', 'Domain', 'Age', 'Location', 'Salary', 'Exp'], dtype='object')
```

```
In [101... clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

```
In [104... y_dv=clean_data.drop(['Name', 'Domain', 'Age', 'Location','Exp'],axis=1)
```

```
In [105... y_dv
```

	Salary
0	5
1	10
2	1
3	2000
4	30000
5	6000

```
In [106... clean_data
```

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [107...]: x_iv

	Name	Domain	Age	Location	Exp
0	Mike	Datascience#\$	34	Mumbai	2
1	Teddy^	Testing	45	Bangalore	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	4
3	Jane	Ana^^lytics	50	Hyderabad	4
4	Uttam*	Statistics	67	Bangalore	5
5	Kim	NLP	55	Delhi	10

In [108...]: y_dv

	Salary
0	5
1	10
2	1
3	2000
4	30000
5	6000

In [109...]: clean_data

	Name	Domain	Age	Location	Salary	Exp
0	Mike	Datascience#\$	34	Mumbai	5	2
1	Teddy^	Testing	45	Bangalore	10	3
2	Uma#r	Dataanalyst^^#	50	Bangalore	1	4
3	Jane	Ana^^lytics	50	Hyderabad	2000	4
4	Uttam*	Statistics	67	Bangalore	30000	5
5	Kim	NLP	55	Delhi	6000	10

In [110...]: imputation = pd.get_dummies(clean_data)

In [111...]: imputation

Out[111...]

	Age	Salary	Exp	Name_Jane	Name_Kim	Name_Mike	Name_Teddy^	Name_Uma#r	N
0	34	5	2	False	False	True	False	False	
1	45	10	3	False	False	False	True	False	
2	50	1	4	False	False	False	False	True	
3	50	2000	4	True	False	False	False	False	
4	67	30000	5	False	False	False	False	False	
5	55	6000	10	False	True	False	False	False	



In []: