## In [3]:

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

## In [4]:

```
df= pd.read_csv("dm_office_sales.csv")
```

## In [5]:

df

## Out[5]:

	division	level of education	training level	work experience	salary	sales
0	printers	some college	2	6	91684	372302
1	printers	associate's degree	2	10	119679	495660
2	peripherals	high school	0	9	82045	320453
3	office supplies	associate's degree	2	5	92949	377148
4	office supplies	high school	1	5	71280	312802
995	computer hardware	associate's degree	1	1	70083	177953
996	computer software	associate's degree	1	0	68648	103703
997	peripherals	associate's degree	2	8	108354	450011
998	peripherals	associate's degree	2	3	79035	330354
999	computer hardware	some college	0	9	108444	364436

1000 rows × 6 columns

## In [6]:

df.head()

## Out[6]:

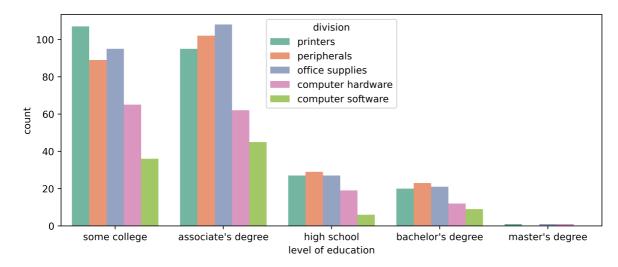
	division	level of education	training level	work experience	salary	sales
0	printers	some college	2	6	91684	372302
1	printers	associate's degree	2	10	119679	495660
2	peripherals	high school	0	9	82045	320453
3	office supplies	associate's degree	2	5	92949	377148
4	office supplies	high school	1	5	71280	312802

# countplot

#### In [19]:

#### Out[19]:

<AxesSubplot:xlabel='level of education', ylabel='count'>



#### In [13]:

df["level of education"].value\_counts()

## Out[13]:

associate's degree 412 some college 392 high school 108 bachelor's degree 85 master's degree 3

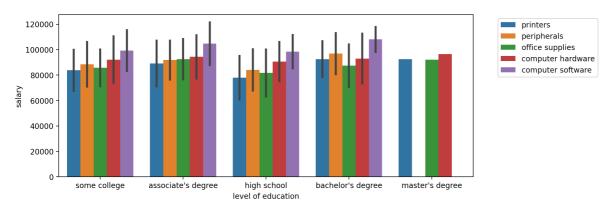
Name: level of education, dtype: int64

# barplot

## In [24]:

#### Out[24]:

<matplotlib.legend.Legend at 0x1349770cf70>



#### In [25]:

```
df= pd.read_csv("dm_office_sales.csv")
df
```

#### Out[25]:

	division	level of education	training level	work experience	salary	sales
0	printers	some college	2	6	91684	372302
1	printers	associate's degree	2	10	119679	495660
2	peripherals	high school	0	9	82045	320453
3	office supplies	associate's degree	2	5	92949	377148
4	office supplies	high school	1	5	71280	312802
995	computer hardware	associate's degree	1	1	70083	177953
996	computer software	associate's degree	1	0	68648	103703
997	peripherals	associate's degree	2	8	108354	450011
998	peripherals	associate's degree	2	3	79035	330354
999	computer hardware	some college	0	9	108444	364436

1000 rows × 6 columns

# In [26]:

df.head()

# Out[26]:

	division	level of education	training level	work experience	salary	sales
0	printers	some college	2	6	91684	372302
1	printers	associate's degree	2	10	119679	495660
2	peripherals	high school	0	9	82045	320453
3	office supplies	associate's degree	2	5	92949	377148
4	office supplies	high school	1	5	71280	312802

# In [ ]: