

In [2]:

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

In [3]:

```
dt=sns.get_dataset_names()
```

In [4]:

```
dt
```

Out[4]:

```
['anagrams',
 'anscombe',
 'attention',
 'brain_networks',
 'car_crashes',
 'diamonds',
 'dots',
 'dowjones',
 'exercise',
 'flights',
 'fmri',
 'geyser',
 'glue',
 'healthexp',
 'iris',
 'mpg',
 'penguins',
 'planets',
 'seaice',
 'taxis',
 'tips',
 'titanic']
```

In [6]:

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

In [7]:

df

Out[7]:

	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 [8]:

df.head()

Out[8]:

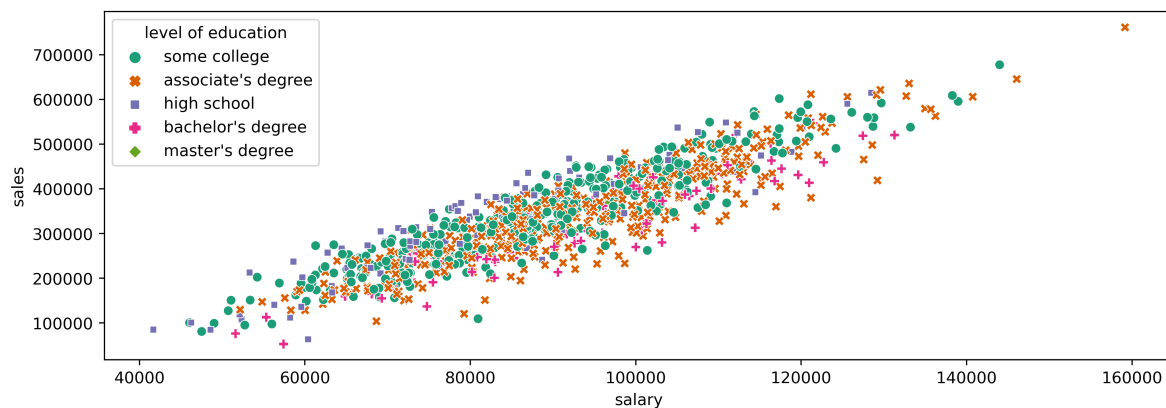
	division	level of education	training level	work experience	salary	sales
0	printers	some college	2	6	91684	372302
1	printers	associate's degree	2	10	119679	495660
2	peripherals	high school	0	9	82045	320453
3	office supplies	associate's degree	2	5	92949	377148
4	office supplies	high school	1	5	71280	312802

In [25]:

```
plt.figure(figsize=(12,4),dpi=400)
sns.scatterplot(x="salary",y="sales",data=df,
style="level of education", hue="level of education",palette="Dark2")
#plt.savefig("myplot1.jpg")
```

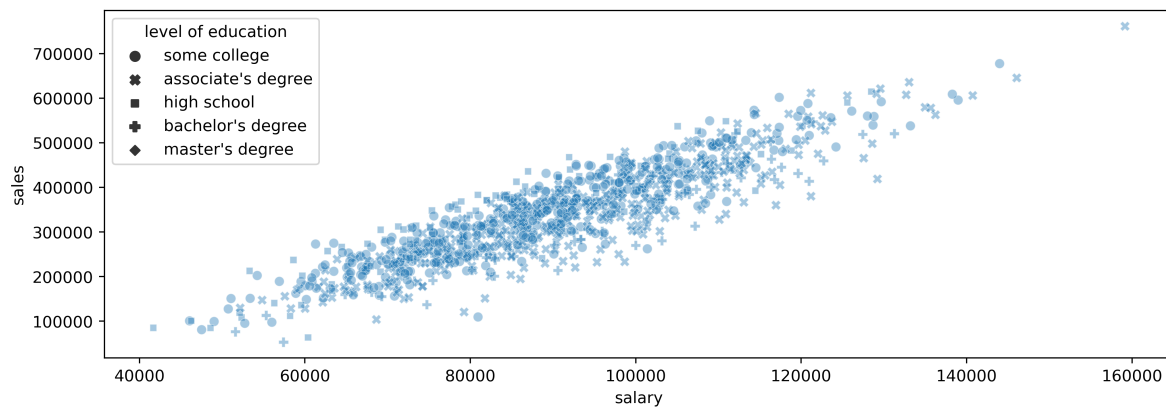
Out[25]:

<AxesSubplot:xlabel='salary', ylabel='sales'>



In [23]:

```
plt.figure(figsize=(12,4),dpi=400)
sns.scatterplot(x="salary",y="sales",data=df,
style="level of education",alpha=0.4)
#plt.savefig("myplot.jpg")
```



In [ ]: