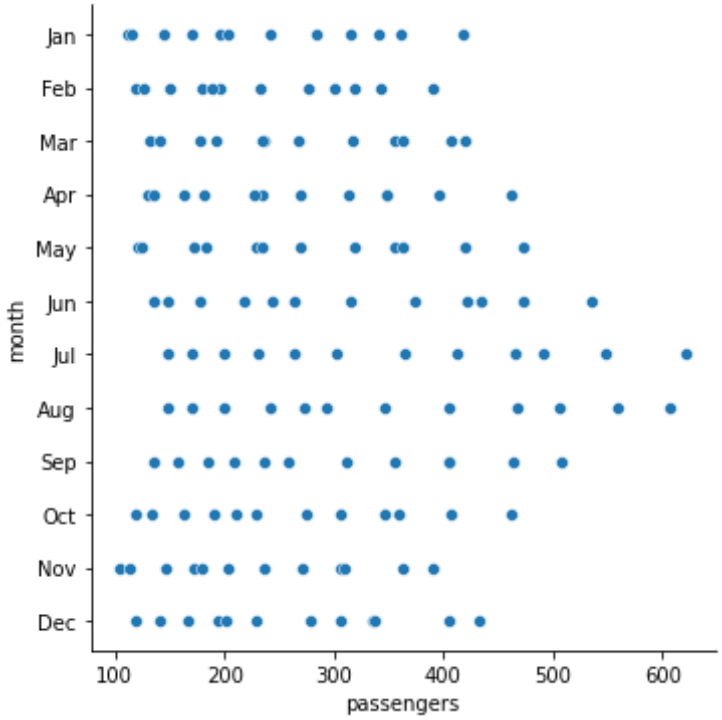
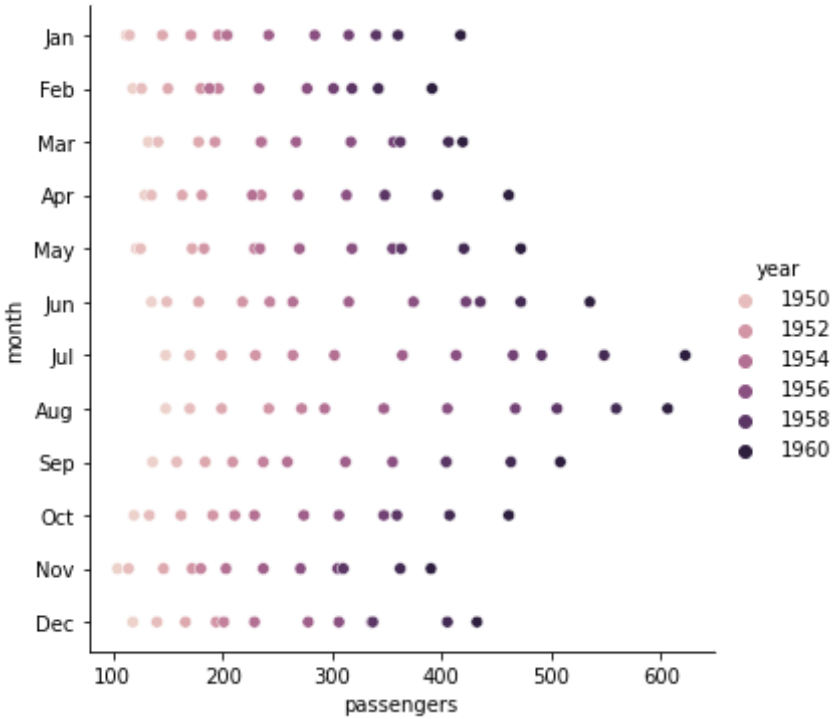
In [1]:
```
import numpy as np
import pandas as pd
from matplotlib import pyplot as plt
import seaborn as sns
```

In [2]:
```
a=sns.load_dataset("flights")
sns.relplot(x="passengers",y="month",data=a)
plt.show()
```

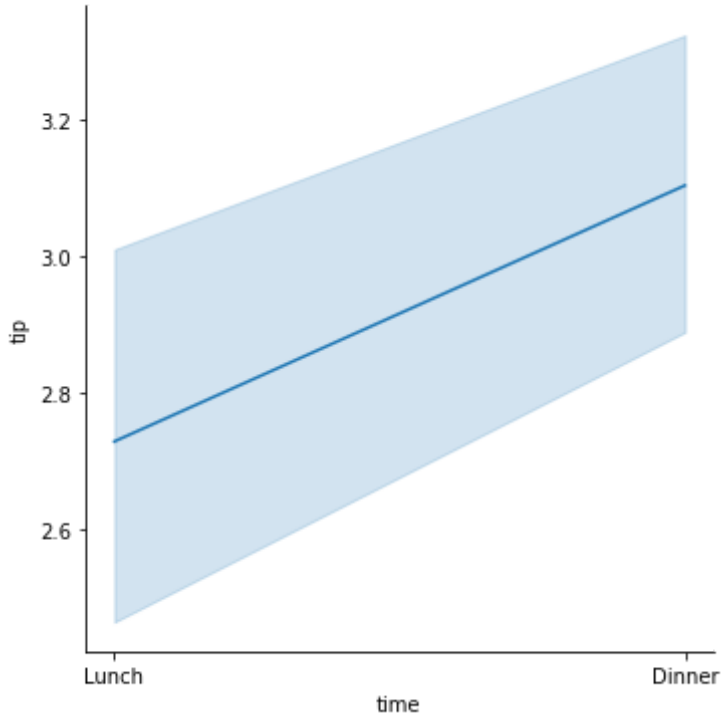


In [3]:
```
a=sns.load_dataset("flights")
sns.relplot(x="passengers",y="month",hue="year",data=a)
plt.show()
```



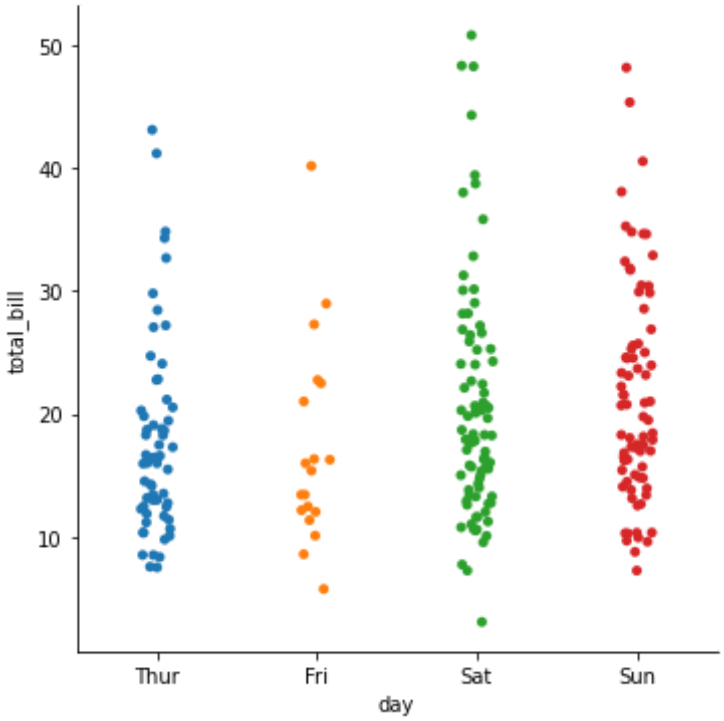
In [4]:

```
b=sns.load_dataset('tips')
sns.relplot(x="time",y="tip",kind="line",data=b)
plt.show()
```



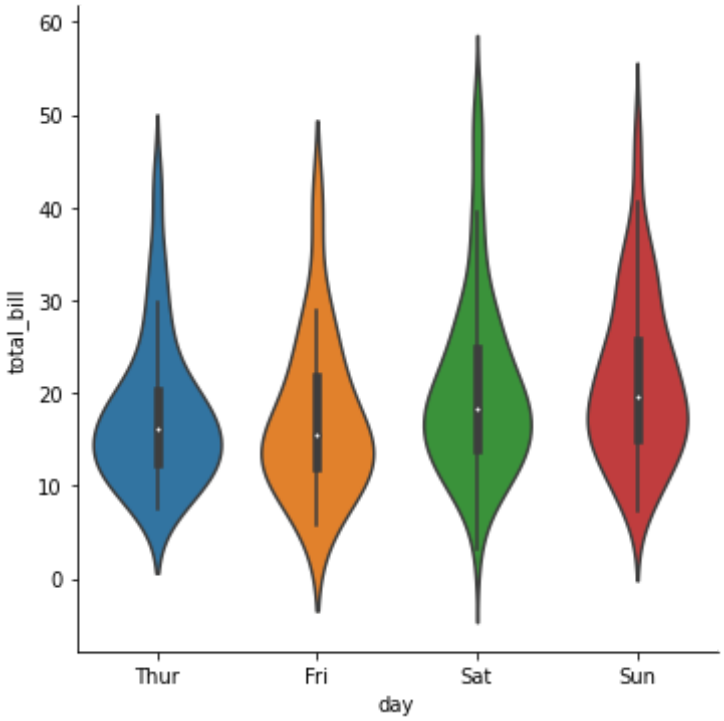
In [5]:

```
sns.catplot(x='day',y='total_bill',data=b)
plt.show()
```



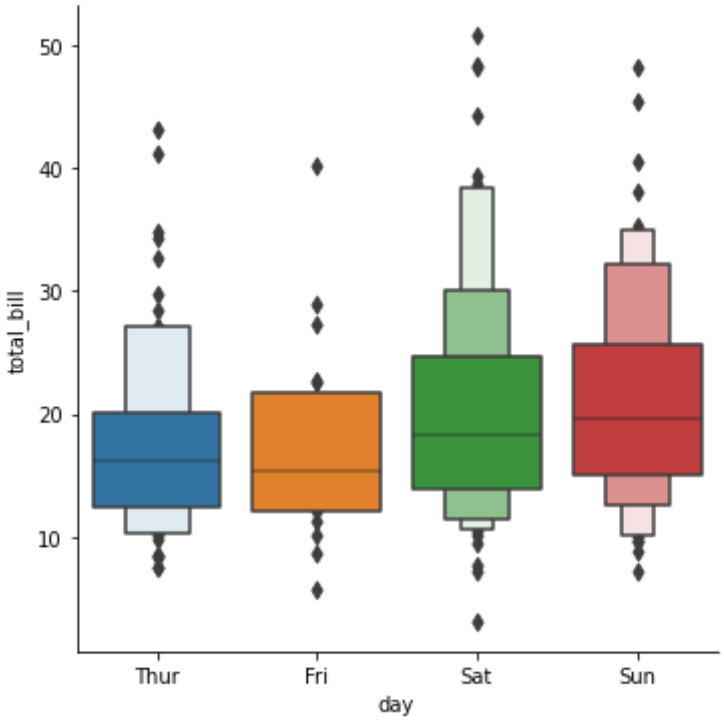
In [6]:

```
sns.catplot(x='day',y='total_bill',kind='violin',data=b)
plt.show()
```



In [7]:

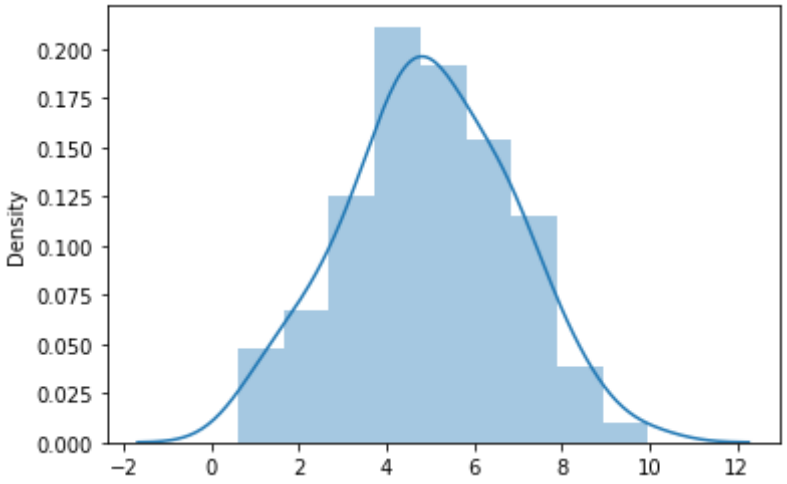
```
sns.catplot(x='day',y='total_bill',kind='boxen',data=b)
plt.show()
```



In [8]:
```
from scipy import stats
```

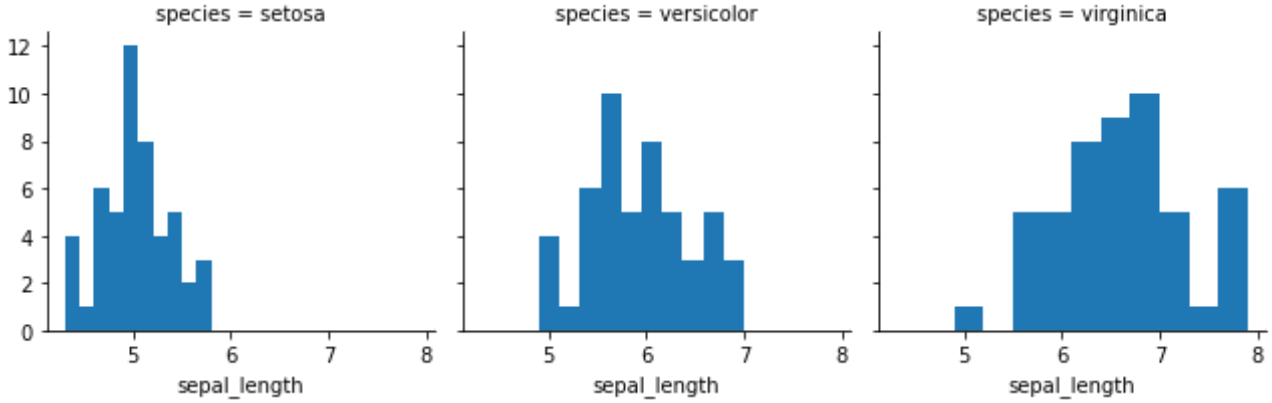
In [9]:
```
c=np.random.normal(loc=5,size=100,scale=2)
sns.distplot(c)
plt.show()
```

```
c:\users\dell\appdata\local\programs\python\python39\lib\site-packages\seaborn\distributions.py:2557: FutureWarning:
`distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `di
splot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
  warnings.warn(msg, FutureWarning)
```



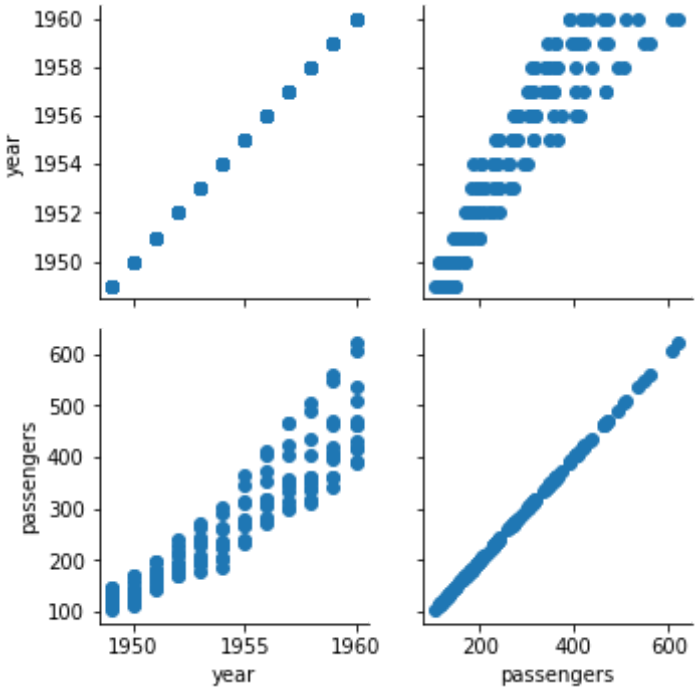
In [11]:

```
a=sns.load_dataset('iris')
b=sns.FacetGrid(a,col="species")
b.map(plt.hist,"sepal_length")
plt.show()
```



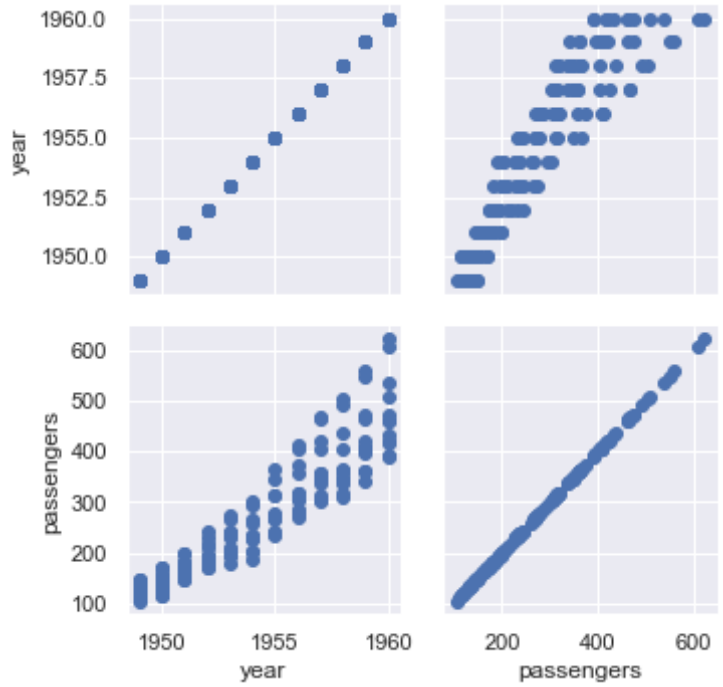
In [16]:

```
a=sns.load_dataset('flights')
b=sns.PairGrid(a)
b.map(plt.scatter)
plt.show()
```



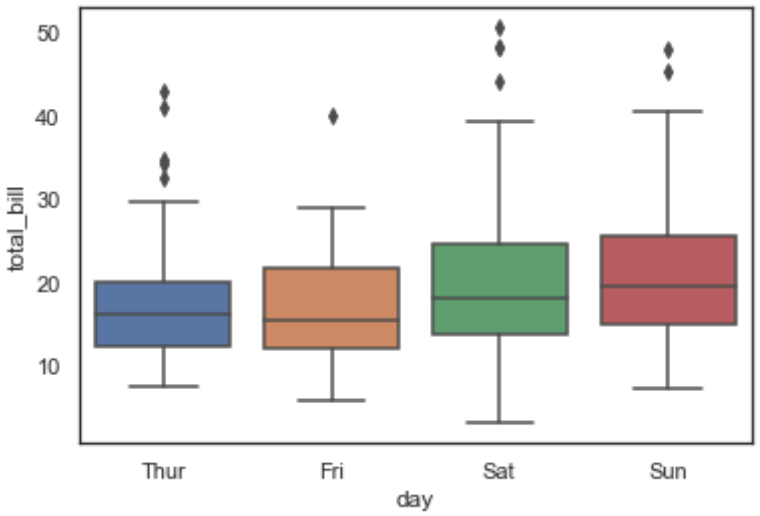
In [17]:

```
sns.set(style='darkgrid')
a=sns.load_dataset('flights')
b=sns.PairGrid(a)
b.map(plt.scatter)
plt.show()
```



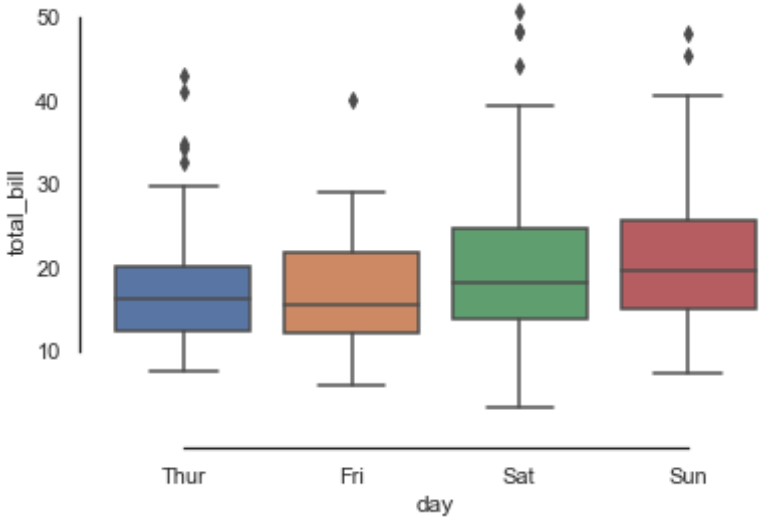
In [20]:

```
sns.set(style='white',color_codes=True)
b=sns.load_dataset('tips')
sns.boxplot(x="day",y="total_bill",data=b)
plt.show()
```



In [21]:

```
sns.set(style='white',color_codes=True)
b=sns.load_dataset('tips')
sns.boxplot(x="day",y="total_bill",data=b)
sns.despine(offset=10,trim=True)
plt.show()
```



In [22]:
```
c=sns.color_palette()
sns.palplot(c)
```

In [ ]:
```

```