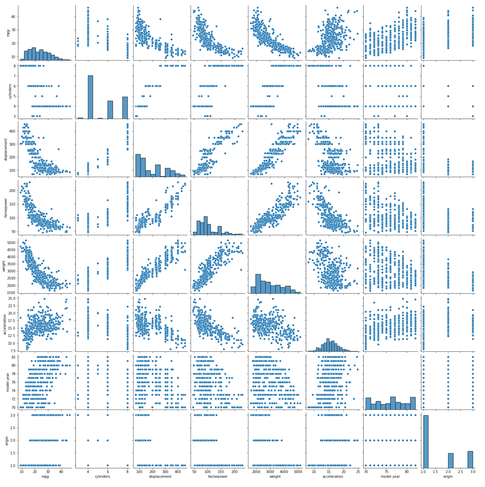
Visualizing the data

In [62]:
```
sns.pairplot(data)
```

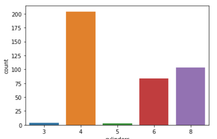
Out[62]:
```
<seaborn.axisgrid.PairGrid at 0x1db78f97a30>
```



In [63]:
```
sns.countplot(data.cylinders)
```

```
D:\Anaconda\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12, the only valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

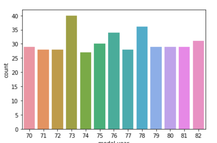
Out[63]:
```
<AxesSubplot:xlabel='cylinders', ylabel='count'>
```



In [64]:
```
sns.countplot(data["model year"])
```

```
D:\Anaconda\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12, the only valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

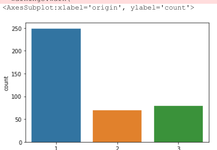
Out[64]:
```
<AxesSubplot:xlabel='model year', ylabel='count'>
```



In [65]:
```
sns.countplot(data.origin)
```

```
D:\Anaconda\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12, the only valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

Out[65]:
```
<AxesSubplot:xlabel='origin', ylabel='count'>
```



In [66]:
```
sns.distplot(data.displacement)
```

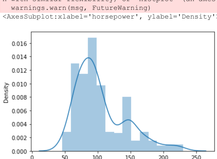
```
D:\Anaconda\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
  warnings.warn(msg, FutureWarning)
```

Out[66]:
```
<AxesSubplot:xlabel='displacement', ylabel='Density'>
```

In [67]:
```
sns.distplot(data.horsepower)
```

```
D:\Anaconda\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
  warnings.warn(msg, FutureWarning)
```

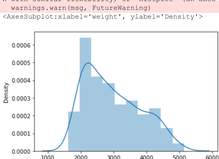
Out[67]:
```
<AxesSubplot:xlabel='horsepower', ylabel='Density'>
```



In [68]:
```
sns.distplot(data.weight)
```

```
D:\Anaconda\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
  warnings.warn(msg, FutureWarning)
```

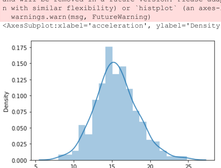
Out[68]:
```
<AxesSubplot:xlabel='weight', ylabel='Density'>
```



In [69]:
```
sns.distplot(data.acceleration)
```

```
D:\Anaconda\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).
  warnings.warn(msg, FutureWarning)
```

Out[69]:
```
<AxesSubplot:xlabel='acceleration', ylabel='Density'>
```



In [70]:
```
sns.scatterplot(data.acceleration,data.displacement)
```

```
D:\Anaconda\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

Out[70]:
```
<AxesSubplot:xlabel='acceleration', ylabel='displacement'>
```

In [71]:
```
sns.scatterplot(data.acceleration,data.horsepower)
```

```
D:\Anaconda\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.
  warnings.warn(
```

Out[71]:
```
<AxesSubplot:xlabel='acceleration', ylabel='horsepower'>
```