```python
In [1]:   ## load packages
          import pandas as pd
          import seaborn as sns
```

```python
In [2]:   ## import cars data set and read the csv file.
          carPriceData = pd.read_csv('/Users/Jagadeesh/Desktop/SAI_MS/540/week7_8/CarPrice.csv')
          carPriceData.head()
```

Out[2]:

	car_ID	symboling	CarName	fueltype	aspiration	doornumber	carbody	drivewheel	engineloc
0	1	3	alfa-romero giulia	gas	std	two	convertible	rwd	
1	2	3	alfa-romero stelvio	gas	std	two	convertible	rwd	
2	3	1	alfa-romero Quadrifoglio	gas	std	two	hatchback	rwd	
3	4	2	audi 100 ls	gas	std	four	sedan	fwd	
4	5	2	audi 100ls	gas	std	four	sedan	4wd	

5 rows × 26 columns
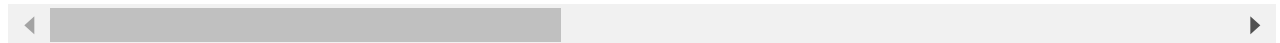
```python
In [3]:   ## line chart with x-axis :wheelbase and Y-axis : enginesize
          sns.lineplot(data=carPriceData, x="wheelbase", y="enginesize")
```
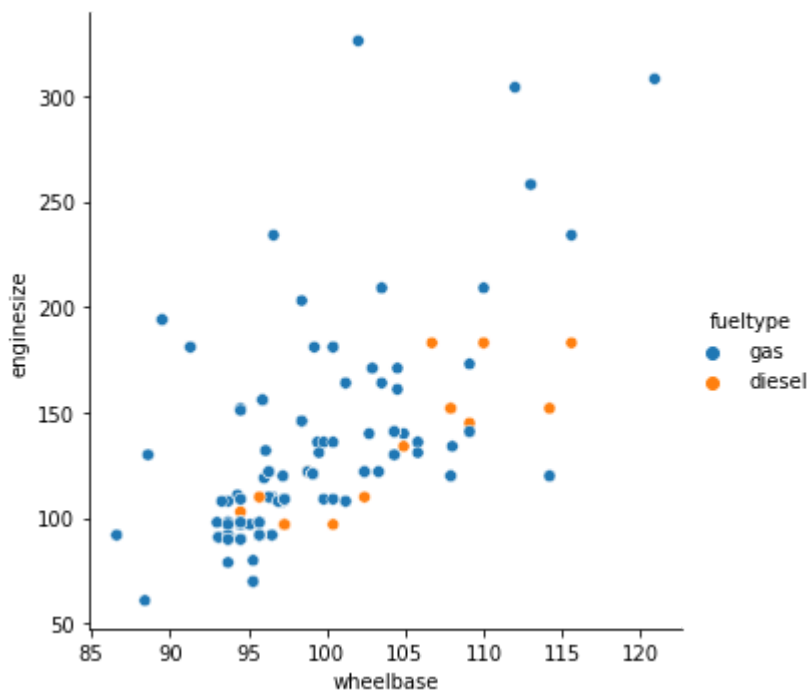
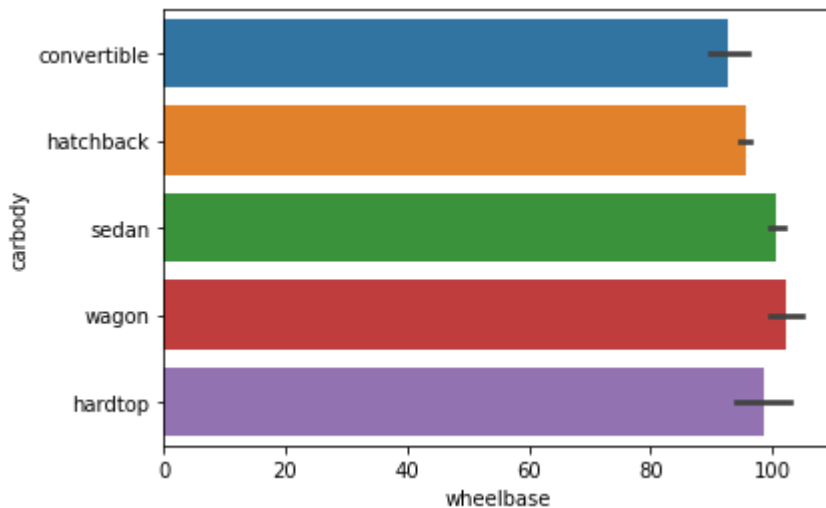Out[3]:   <AxesSubplot:xlabel='wheelbase', ylabel='enginesize'>
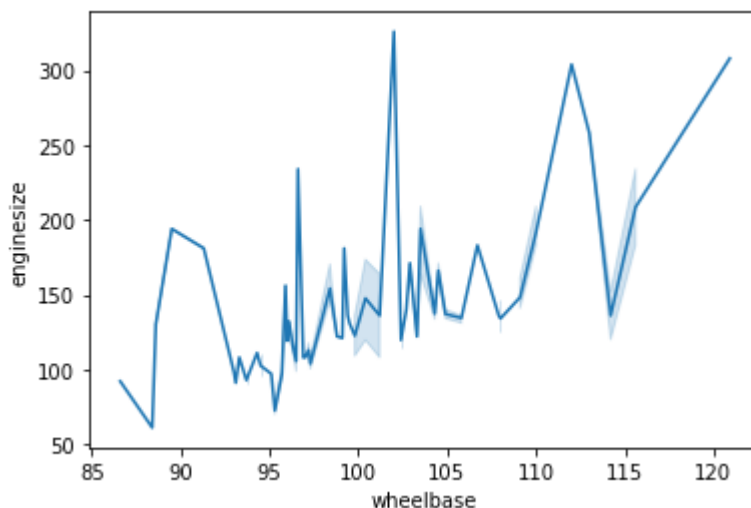

```python
In [4]:   ## scatter plot with x-axis :wheelbase and Y-axis : enginesize and hue : fueltype
          sns.relplot(data=carPriceData, x='wheelbase', y='enginesize',
          hue='fueltype')
```
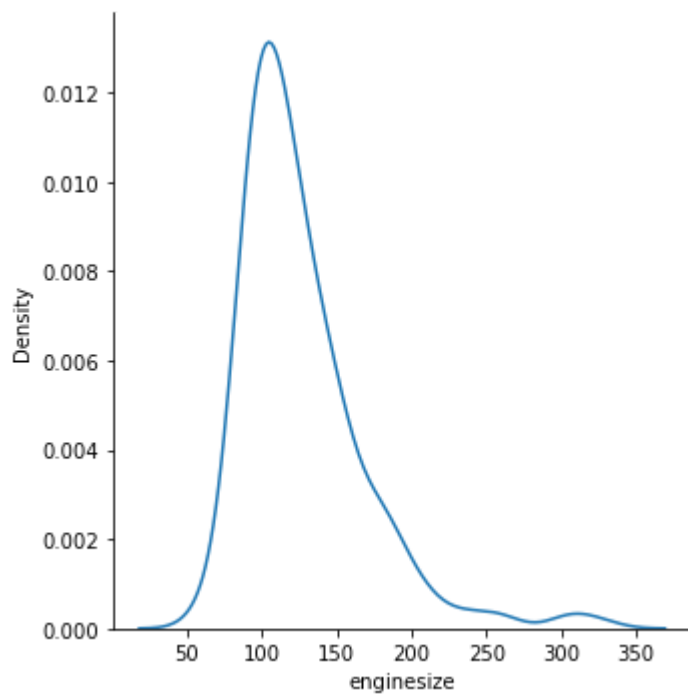
Out[4]:   <seaborn.axisgrid.FacetGrid at 0x1c474e02ca0>

In [5]:
```python
## bar chart with x axis as wheelbase and y axis as carbody
sns.barplot(x="wheelbase", y="carbody", data=carPriceData)
```

Out[5]:   `<AxesSubplot:xlabel='wheelbase', ylabel='carbody'>`

In [6]:
```python
## Density plotx='enginesize', kind='kde'
sns.displot(data=carPriceData, x='enginesize', kind='kde')
```

Out[6]:   `<seaborn.axisgrid.FacetGrid at 0x1c474e97be0>`

In [7]:
```python
## pie chart
data = carPriceData.groupby("carbody")["carbody"].count()
data.plot.pie(autopct="%.1f%%");
```