In [68]:

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

line graph

In [75]:

```
gas = pd.read_csv('gas_prices.csv')

plt.figure(figsize=(9,6))

plt.title('GAS Prices Over Time',fontdict={'fontweight':'bold','fontsiz
e':22})

plt.plot(gas.Year , gas.USA,'b.-',label='Usa')
plt.plot(gas.Year, gas.Canada,'r*-',label='CANADA')

plt.plot(gas.Year, gas['South Korea'],'g.-',label='SK')

plt.plot(gas.Year,gas.Australia,'y.-',label='Australia')

#another way to  plot many values
# countries_to_look_at=['Australia','USA','Canada','Sk','Japan','Franc
e']
# for country in gas:
#     if country in countries_to_look_at:
#       plt.plot(gas.Year, gas[country] ,marker='*')

plt.xticks(gas.Year[::3].tolist()+[2011])

plt.xlabel('Year')
plt.ylabel('Money')



plt.legend()

plt.savefig('Gas_price_figure.png',dpi=300)
plt.show()
```