In [2]:

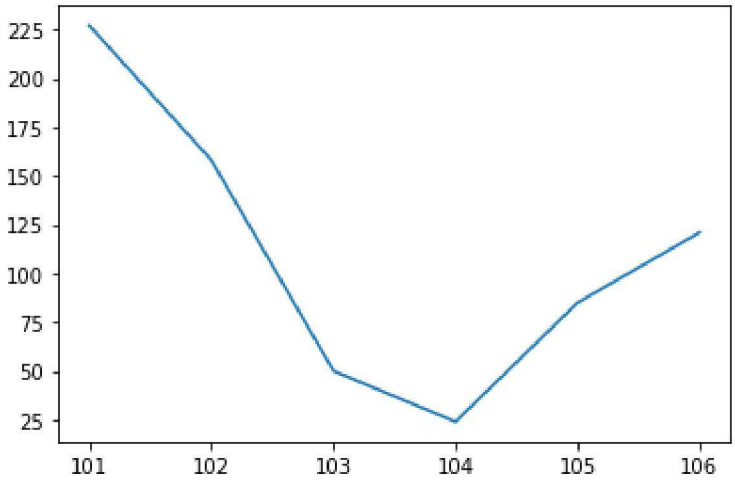
```
import pandas
dt = pandas.read_csv('csv_data.csv')
dt.fillna(0, inplace = True)
```

In [4]:

```
from matplotlib import pyplot
pyplot.plot(dt['id'], dt['sales'])
```

Out[4]:

```
[<matplotlib.lines.Line2D at 0x216b78cb760>]
```

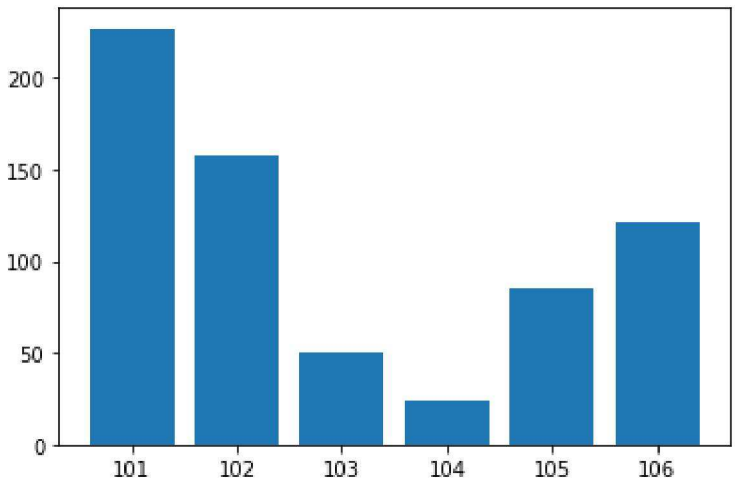


In [5]:

```
from matplotlib import pyplot
pyplot.bar(dt['id'], dt['sales'])
```

Out[5]:

```
<BarContainer object of 6 artists>
```

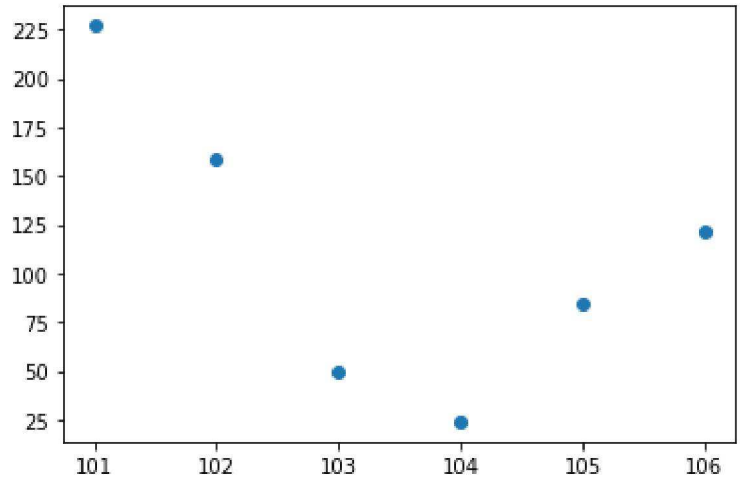


In [6]:

```
from matplotlib import pyplot
pyplot.scatter(dt['id'], dt['sales'])
```

Out[6]:

```
<matplotlib.collections.PathCollection at 0x216b7997370>
```

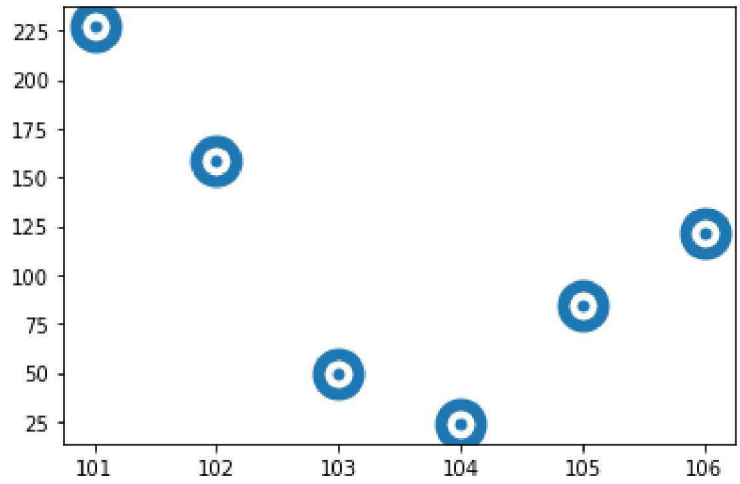


In [8]:

```
from matplotlib import pyplot
pyplot.scatter(dt['id'], dt['sales'], linewidth = 20)
```

Out[8]:

```
<matplotlib.collections.PathCollection at 0x216b7907550>
```

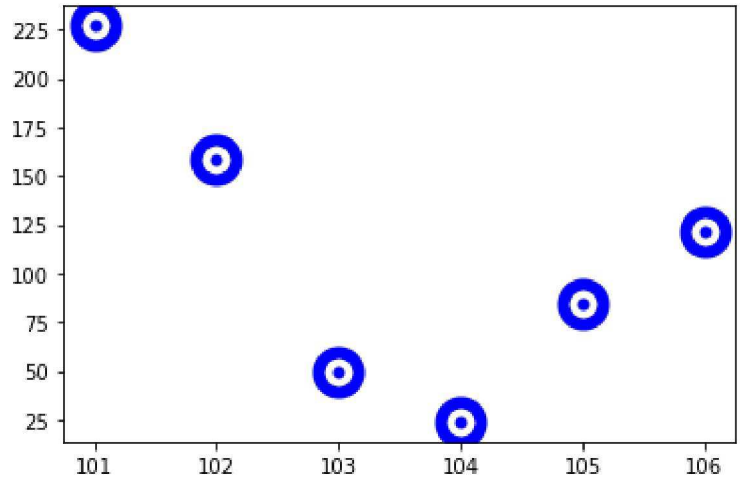


In [10]:

```
from matplotlib import pyplot
pyplot.scatter(dt['id'], dt['sales'], color = 'b', linewidth = 20)
```

Out[10]:

```
<matplotlib.collections.PathCollection at 0x216b7cfc8e0>
```

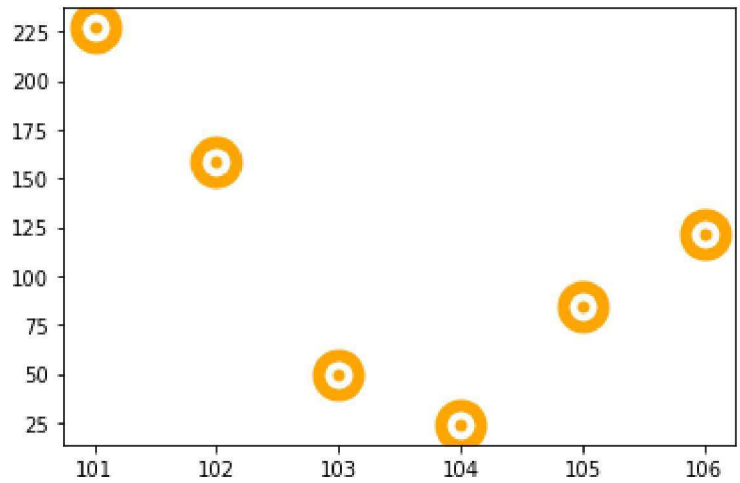


In [11]:

```
from matplotlib import pyplot
pyplot.scatter(dt['id'], dt['sales'], color = 'orange', linewidth = 20)
```

Out[11]:

```
<matplotlib.collections.PathCollection at 0x216b7d650a0>
```

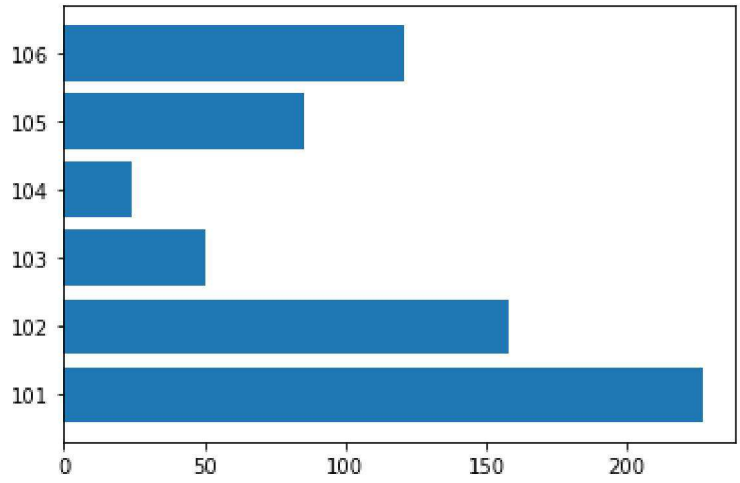


In [12]:

```
from matplotlib import pyplot
pyplot.barh(dt['id'], dt['sales'])
```

Out[12]:

```
<BarContainer object of 6 artists>
```

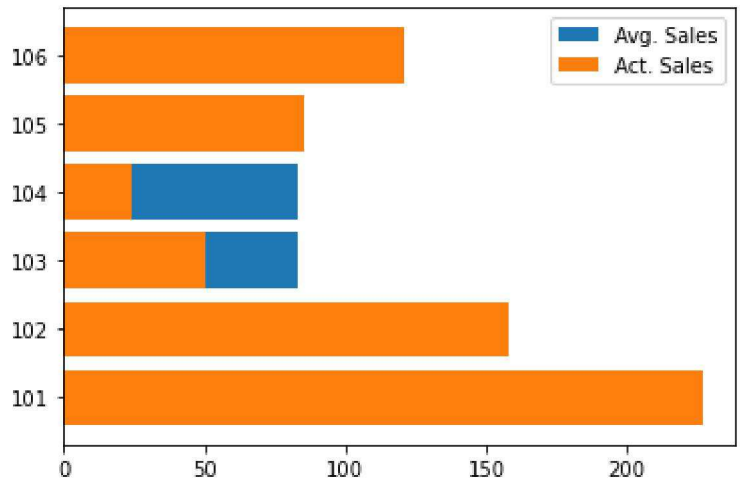


In [16]:

```
from matplotlib import pyplot
pyplot.barh(dt['id'], [83.125,83.125, 83.125, 83.125, 83.125, 83.125 ],
            label = 'Avg. Sales')
pyplot.barh(dt['id'], dt['sales'], label = 'Act. Sales')
pyplot.legend()
```

Out[16]:

```
<matplotlib.legend.Legend at 0x216b8f4aca0>
```

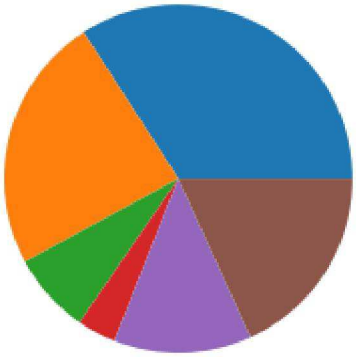


In [18]:

```
from matplotlib import pyplot
pyplot.pie(dt['sales'])
```

Out[18]:

```
([<matplotlib.patches.Wedge at 0x216b902afd0>,
  <matplotlib.patches.Wedge at 0x217241f84f0>,
  <matplotlib.patches.Wedge at 0x217241f8970>,
  <matplotlib.patches.Wedge at 0x217241f8df0>,
  <matplotlib.patches.Wedge at 0x217242062b0>,
  <matplotlib.patches.Wedge at 0x21724206730>],
 [Text(0.525825805193162, 0.9661817751297956, ''),
  Text(-1.0656994710094818, 0.27255208216065985, ''),
  Text(-0.818038613796913, -0.7353997731419455, ''),
  Text(-0.5166736526766351, -0.9711067586160566, ''),
  Text(0.02857815404639539, -1.0996287051142766, ''),
  Text(0.925123385157397, -0.5951022788016517, '')])
```



In [21]:

```
from matplotlib import pyplot
pyplot.pie(dt['sales'], labels = dt['name'], radius = 2)
pyplot.legend()
```

Out[21]:

```
<matplotlib.legend.Legend at 0x216b8fb2f40>
```