

## Week 3

### *Assignment 1: Redesign a bad/misleading chart*



of domain owners have put moderate to high consideration to how much their domains are worth



of respondents have bought and sold domain names for a profit



of small business owners want to make time to enhance or update their online presence

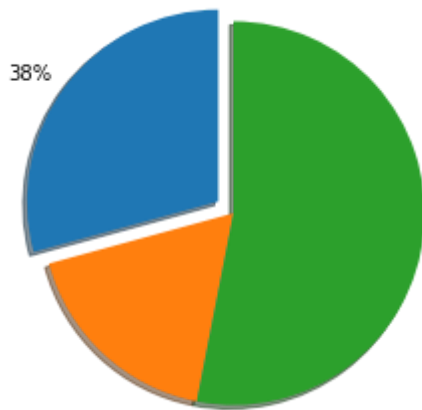
In [49]:

```
import matplotlib.pyplot as plt

labels = '38%', '', ''
sizes = [38, 23, 69]
explode = (0.1, 0, 0) # only "explode" the 2nd slice (i.e. 'Hogs')

fig1, ax1 = plt.subplots()
ax1.pie(sizes, explode=explode, labels=labels,
        shadow=True, startangle=90)
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.

plt.show()
```



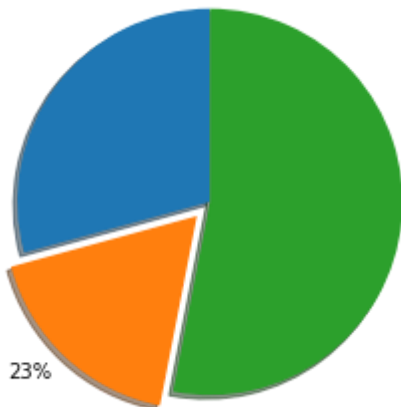
38% of domain owners have put moderate to high consideration to how much their domains are worth

In [50]:

```
labels = '', '23%', ''
sizes = [38, 23, 69]
explode = (0, 0.1, 0) # only "explode" the 2nd slice (i.e. 'Hogs')

fig1, ax1 = plt.subplots()
ax1.pie(sizes, explode=explode, labels=labels,
        shadow=True, startangle=90)
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.

plt.show()
```



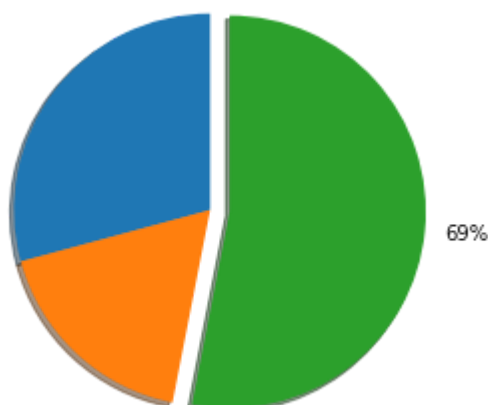
23% of respondents have bought and sold domain names for a profit

In [47]:

```
labels = '', '', '69%'
sizes = [38, 23, 69]
explode = (0, 0, 0.1) # only "explode" the 2nd slice (i.e. 'Hogs')

fig1, ax1 = plt.subplots()
ax1.pie(sizes, explode=explode, labels=labels,
        shadow=True, startangle=90)
ax1.axis('equal') # Equal aspect ratio ensures that pie is drawn as a circle.

plt.show()
```



69% of small business owners want to make time to enhance or update their online presence

### Assignment 2: Redesign your own charts

See assignments week 2 for this one. I already redesigned my charts there.

### Assignment 3: What is your headline? What is your story?

## < Todo >

### Assignment 4: Group poster

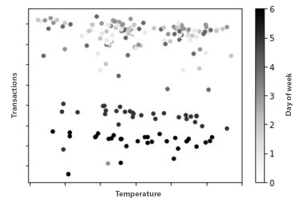
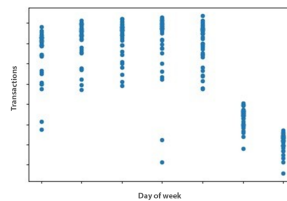
# We can predict *your* transactions!

*Our goal is to predict the amount of transactions for client companies' customers for the next day, based on data provided by Adversitement and public data.*



#### Company

Our core business is all about delivering reliable customer insights through data process management. We design and implement this entire process of collection, processing and visualisation in the most efficient way, valuing today's highest standards regarding data quality and data ethics.



Initiation

Research

Data gathering  
& Cleaning

Algorithm

Data  
Visualization

- PID  
- Planning  
- Project setup

- Database research  
- Correlation research  
- Tensorflow, R, scikit-learn

- Database research  
- Correlation research  
- Tensorflow, R, scikit-learn

- D3.js  
- Dimple



Expected?



Not expected?



123

Prediction

