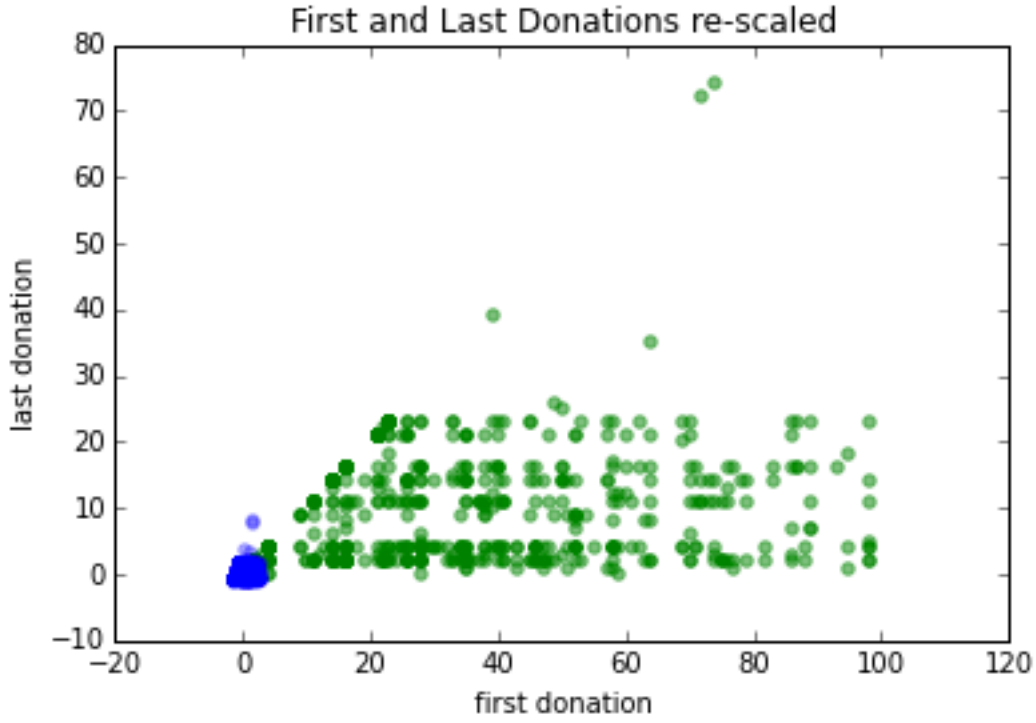
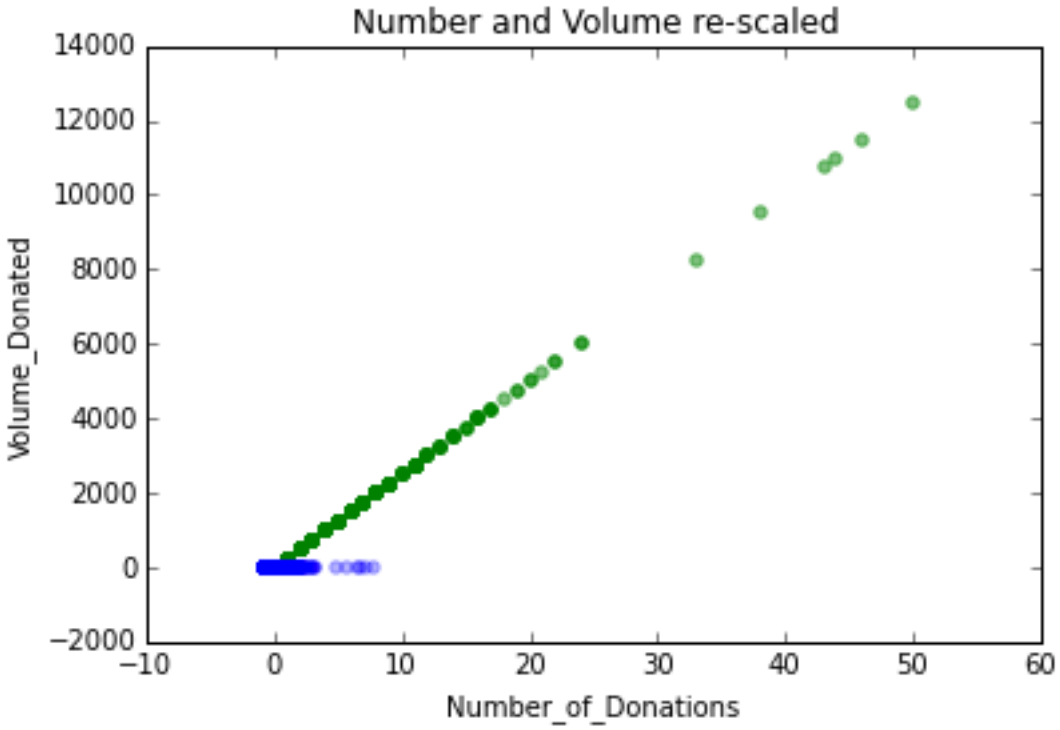
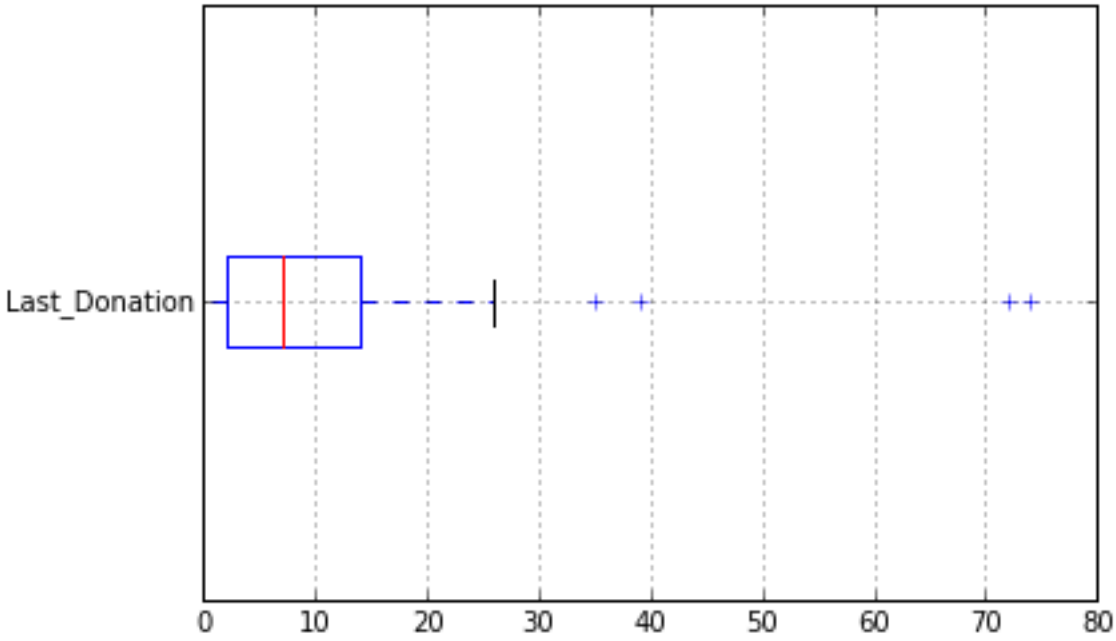
```
In [95]: plt.scatter(training_data['First_Donation'],
training_data['Last_Donation'], color='green', label='input
scale', alpha=0.5)
    ...: plt.scatter(training_data_std[:,0],
training_data_std[:,1], color='blue', label='std scaled',
alpha=0.3)
    ...: plt.title('First and Last Donations re-scaled')
    ...: plt.xlabel('first donation')
    ...: plt.ylabel('last donation')
Out[95]: <matplotlib.text.Text at 0x113fa1150>
```



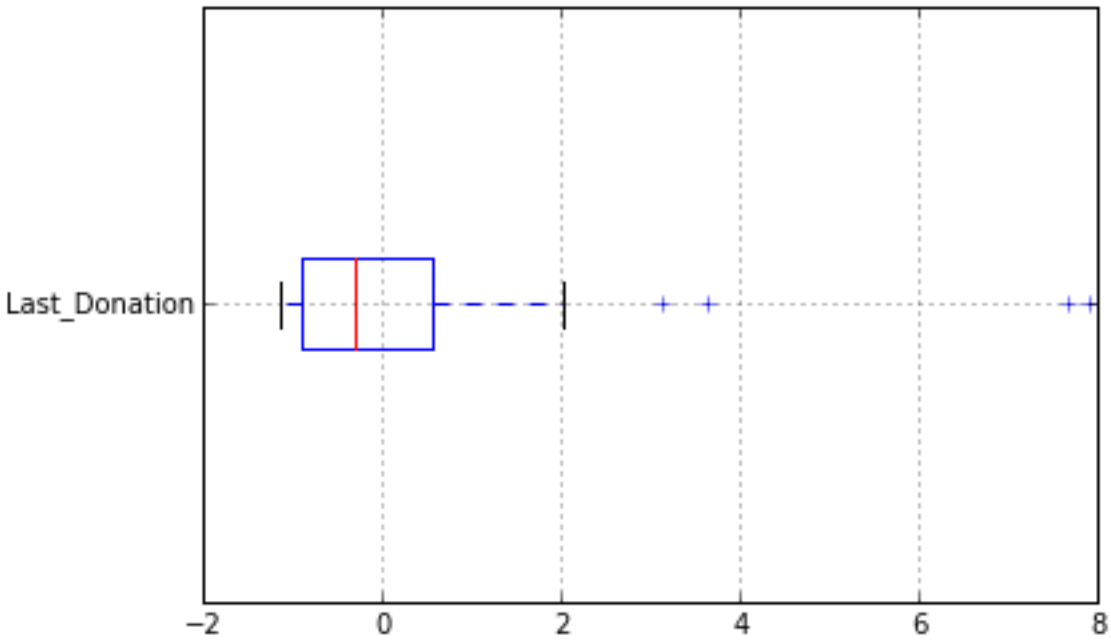

```
In [96]: plt.scatter(training_data['Number_of_Donations'],
training_data['Volume_Donated'], color='green', label='input
scale', alpha=0.5)
    ...: plt.scatter(training_data_std[:,2],
training_data_std[:,3], color='blue', label='std scaled',
alpha=0.3)
    ...: plt.title('Number and Volume re-scaled')
    ...: plt.xlabel('Number_of_Donations')
    ...: plt.ylabel('Volume_Donated')
Out[96]: <matplotlib.text.Text at 0x113d2fd50>
```




```
In [97]: training_data.boxplot(column='Last_Donation',
vert=False)
Out[97]:
{'boxes': [<matplotlib.lines.Line2D at 0x114436090>],
 'caps': [<matplotlib.lines.Line2D at 0x114436e50>,
  <matplotlib.lines.Line2D at 0x1144434d0>],
 'fliers': [<matplotlib.lines.Line2D at 0x11444c190>],
 'means': [],
 'medians': [<matplotlib.lines.Line2D at 0x114443b10>],
 'whiskers': [<matplotlib.lines.Line2D at 0x1144b8550>,
  <matplotlib.lines.Line2D at 0x114436810>]}
```




```
In [98]: df_std.boxplot(column='Last_Donation', vert=False)
Out[98]:
{'boxes': [<matplotlib.lines.Line2D at 0x1145ac190>],
 'caps': [<matplotlib.lines.Line2D at 0x1145acf10>,
  <matplotlib.lines.Line2D at 0x1145b9590>],
 'fliers': [<matplotlib.lines.Line2D at 0x114801250>],
 'means': [],
 'medians': [<matplotlib.lines.Line2D at 0x1145b9bd0>],
 'whiskers': [<matplotlib.lines.Line2D at 0x114613590>,
  <matplotlib.lines.Line2D at 0x1145ac8d0>]}
```



In [99]: