

#### Question 4:

Another common way to visualize the tradeoff between precision and recall is to plot them directly against each other. Create a scatterplot with precision on one axis and recall on the other (this graph generated is called precision-recall curve). Where are "good" points on the plot, and where are "bad" ones?(use recall as horizontal axis and precision as vertical axis)

#### Answer 4:

```
d={'precision' : p, 'recall' : r}  
df = pd.DataFrame(d)  
df.plot(kind='scatter', x='recall', y='precision');
```

