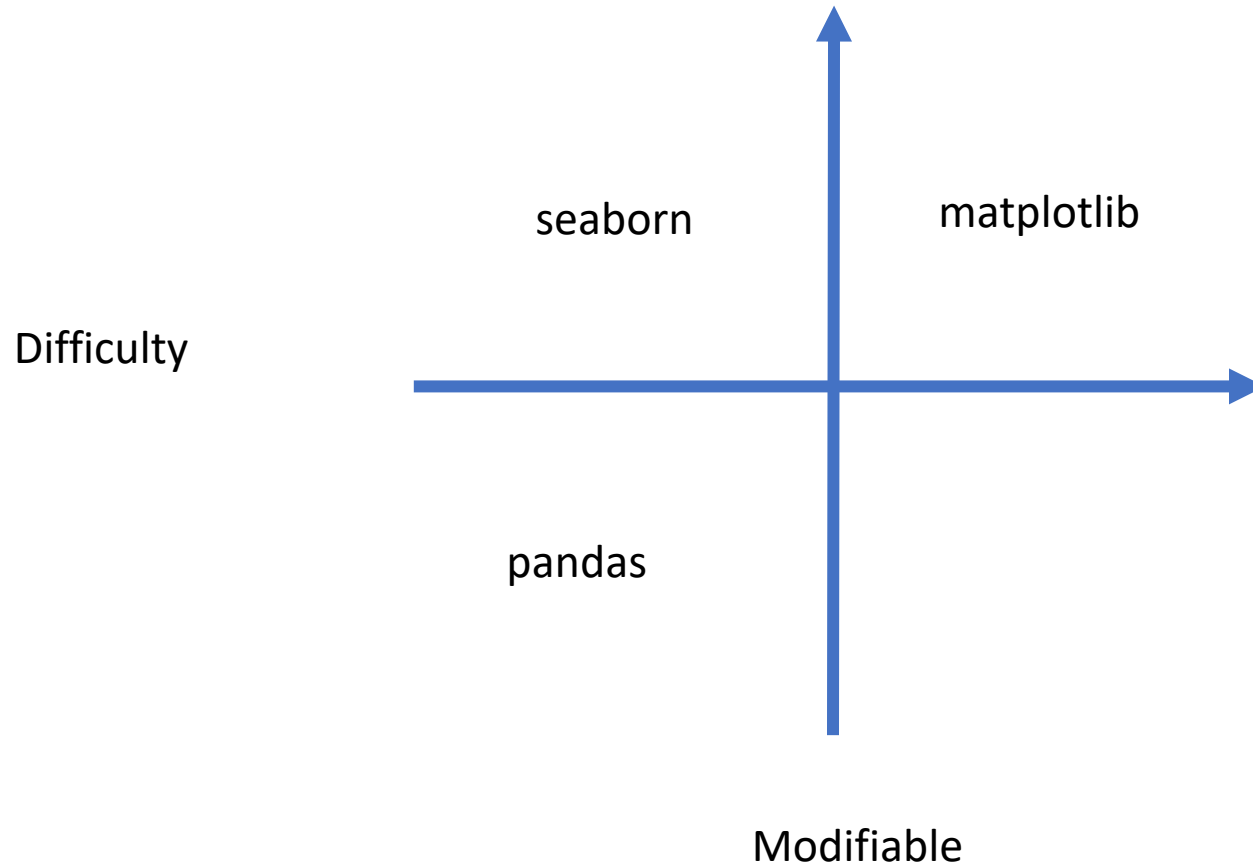


Data Visualization in Python

Three Main Plotting Packages in Python



Histograms

- pandas
- .hist()

- seaborn
- sns.distplot()

- matplotlib
- plt.hist()

Bar Charts in pandas

```
chartName =  
dataFrameName['columnName'].value_counts().plot('bar')
```


Line Charts in matplotlib

- Date data must be:
 - Formatted as a date
 - Ordered from earliest to latest

```
plt.plot(dataFrameName['dateColumnName'],  
         dataframeName['columnName'])
```