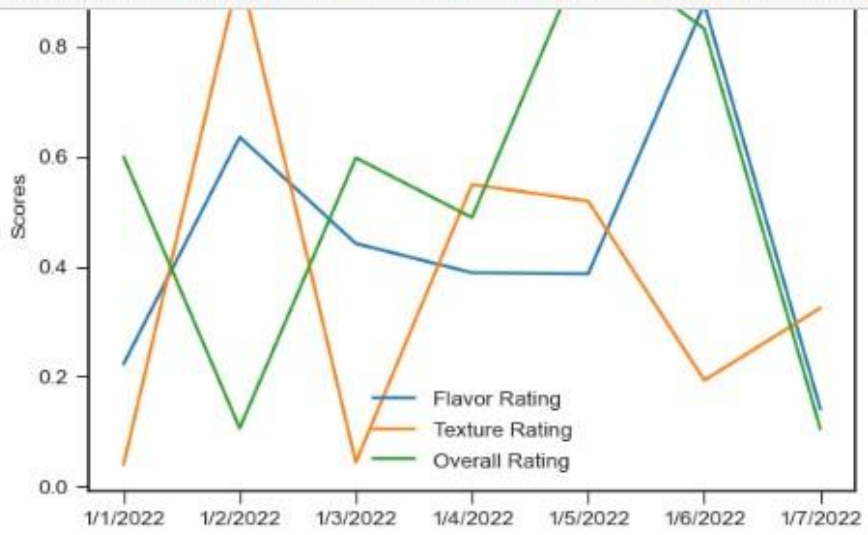
Creating a line plot

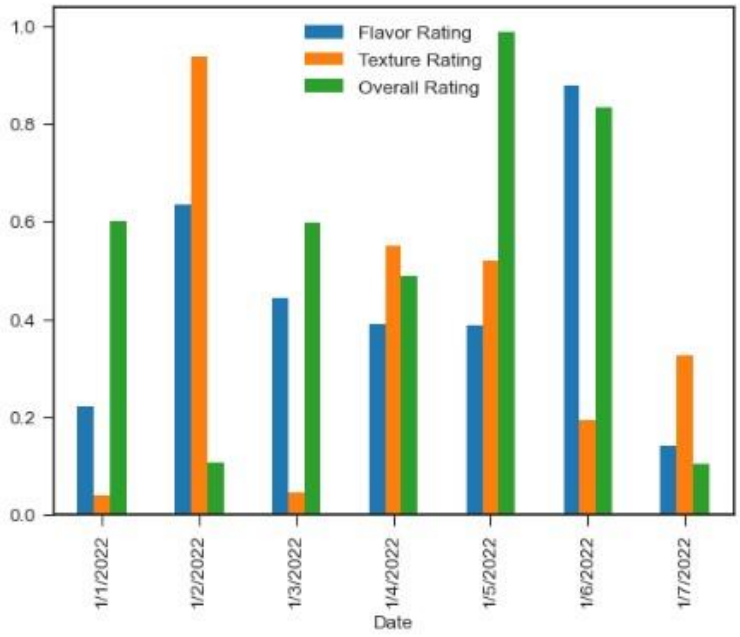
df.plot() this is default to line plot

```
In [4]: df.plot(kind = 'line', title = "Ice Cream Ratings", xlabel = "Daily Rating", ylabel = "Scores")
```



For vertical Bar plot

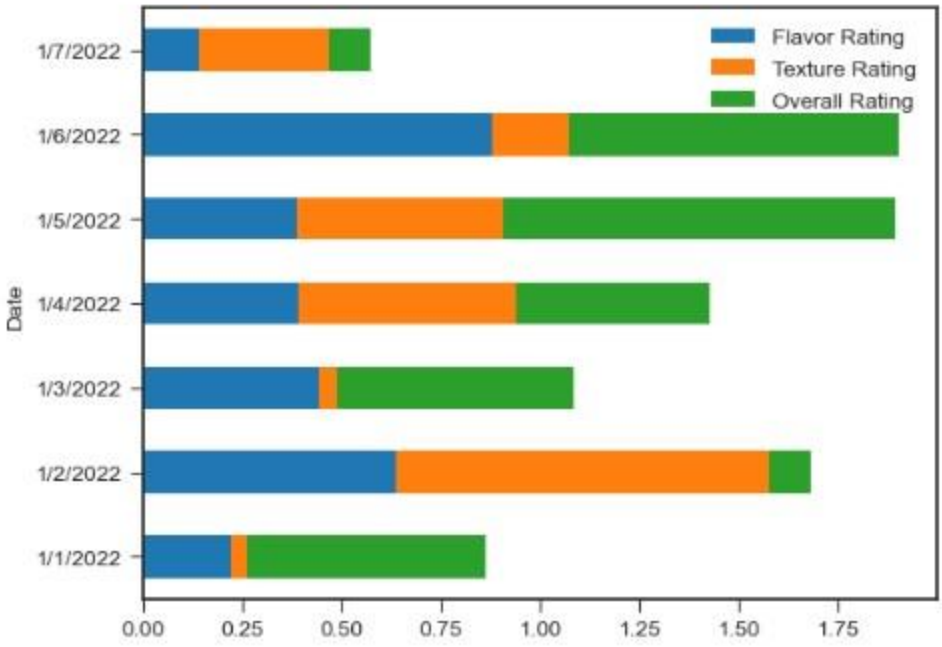
```
In [5]: df.plot(kind = 'bar')
Out[5]: <Axes: xlabel='Date'>
```



for horizontal bar plot

```
In [6]: df.plot.barh(stacked = True)
```

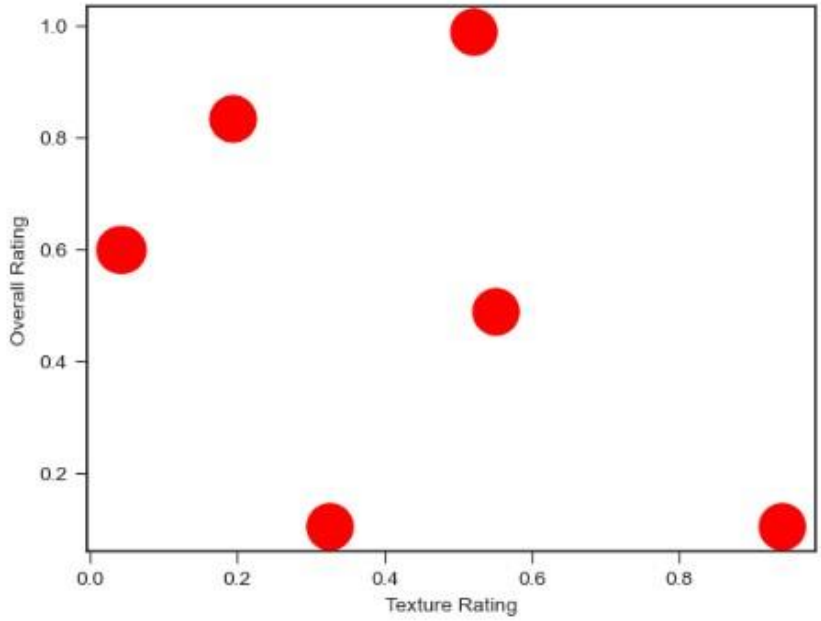
```
Out[6]: <Axes: ylabel='Date'>
```



Scatter plot

```
In [7]: df.plot.scatter(x = 'Texture Rating', y= 'Overall Rating', s= 500, c = 'red')
```

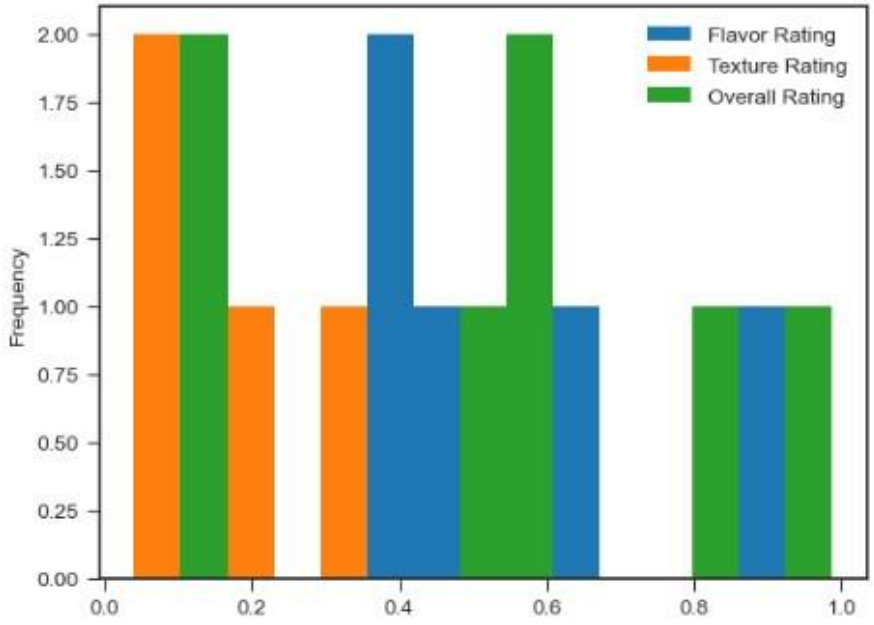
```
Out[7]: <Axes: xlabel='Texture Rating', ylabel='Overall Rating'>
```



Histogram plot

```
In [8]: df.plot.hist(bins = 15)
```

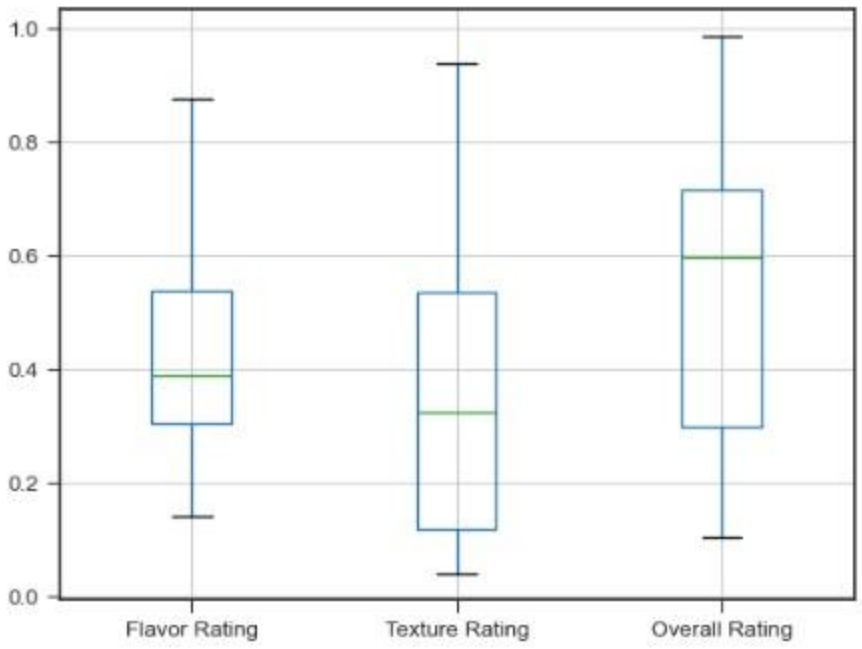
```
Out[8]: <Axes: ylabel='Frequency'>
```



Box Plot

```
In [9]: df.boxplot()
```

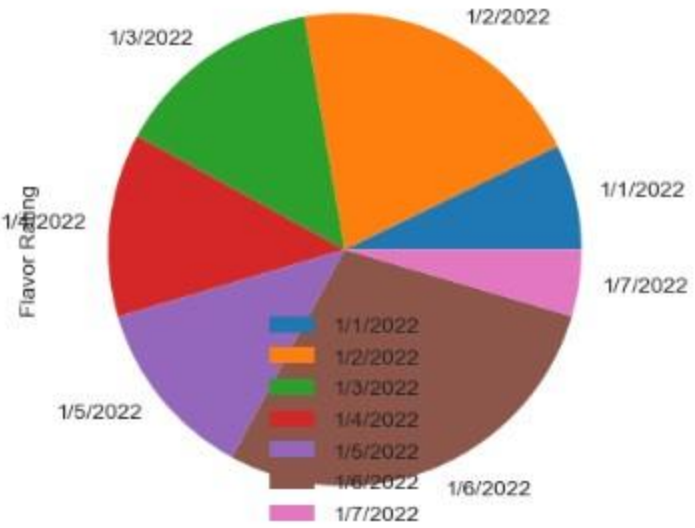
```
Out[9]: <Axes: >
```



Area Plot

```
In [10]: df.plot.pie(y = "Flavor Rating")
```

```
Out[10]: <Axes: ylabel='Flavor Rating'>
```



Area Plot

```
In [11]: df.plot.area(figsize = (10,5))
```

```
Out[11]: <Axes: xlabel='Date'>
```