```
import numpy as np ✓
import pandas as pd 🗸
import matplotlib.pyplot as plt 
data = {'fruit':['apple', 'peach', 'melon'], 'percentage':[25,25,50]} 
df = pd.DataFrame(data) 
%matplotlib inline 
ax1 = plt.subplot(111, aspect='equal')
df.plot(kind='pie', y='percentage', ax=ax1, autopct='%1.1f%%', startangle=90, sh
 <matplotlib.axes._subplots.AxesSubplot at 0x121878b00>
                                                           X
     apple
             25.0%
   percentage
                            50.0%
                                      melon
             25.0%
     peach
                                                          包
```

```
#--- generate sample---#
df <- data.frame(
    group = c("apple", "peach", "melon"),
    value = c(25, 25, 50)
)
library(ggplot2)

pie <- ggplot(df, aes(x="", y=value, fill=group)) +
        geom_bar(width = 1, stat = "identity") + theme_void() +
        coord_polar("y",start=0) +|
        geom_text(aes(x=1, y = c(12.5,87.5,50), label=value))

pie</pre>
```

