

```
In [31]: import pandas as pd
df = pd.read_excel(open('Test-business analysis.xlsx', 'rb'), sheet_name='Sales')

# Rename column
df = df.rename(columns={'Day': 'Month'})

# pivot table
table = pd.pivot_table(df[df['Month'].dt.strftime('%b') != 'Mar'], index='Month',
                        columns=['Device Type'], values=['Sales $'], aggfunc='sum')

# add grand total
table['Grand total'] = table.sum(axis=1)

#sort table
table = table.sort_values(by='Month', ascending = False)

table
```

Out[31]:

	Sales \$		Grand total	
Device Type	Desktop	Mobile Phone	Tablet	
Month				
Jan	241254.3	63408.3	24532.8	329195.4
Feb	470386.2	160489.8	57776.1	688652.1

```
In [32]: table.plot(kind='bar');
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