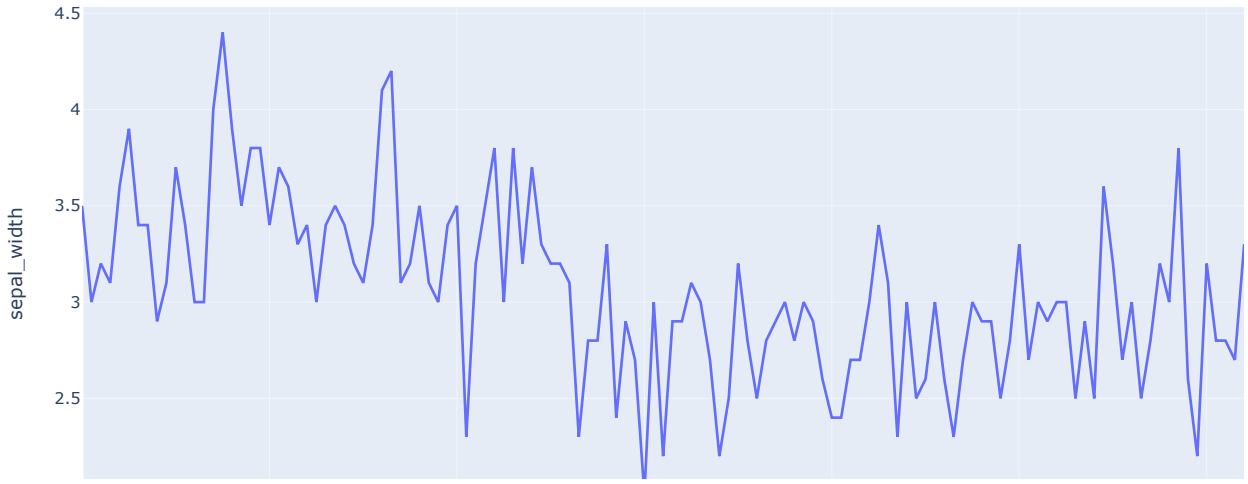
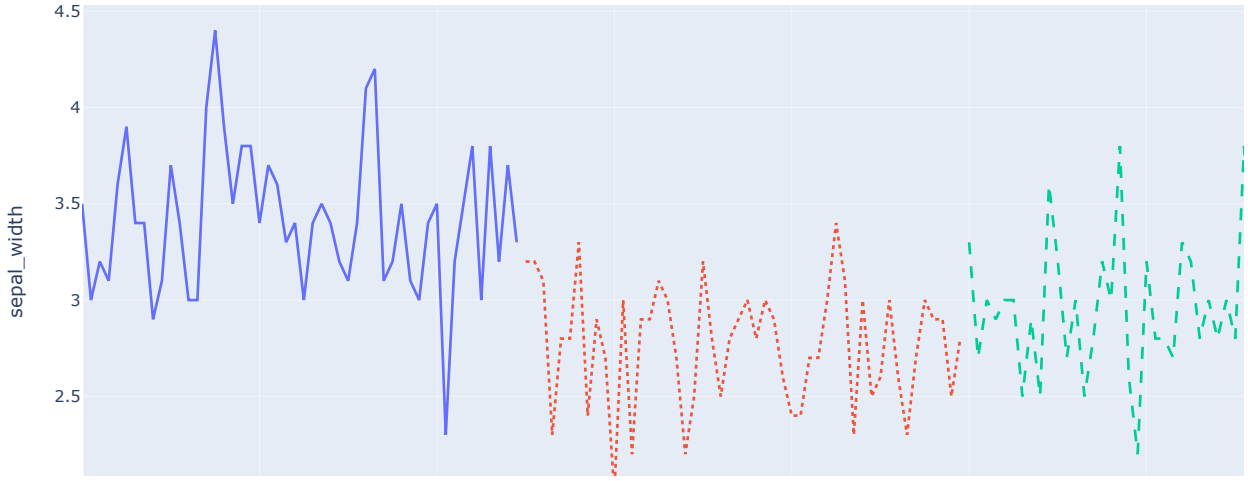
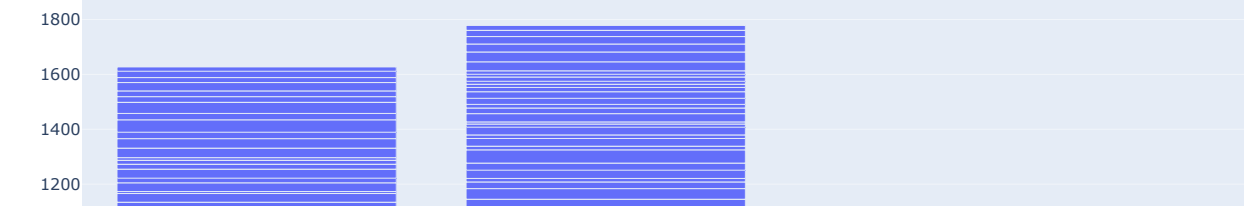
In [1]:
```
import plotly.express as px
df=px.data.iris()
fig=px.line(df,y="sepal_width")
fig.show()
```

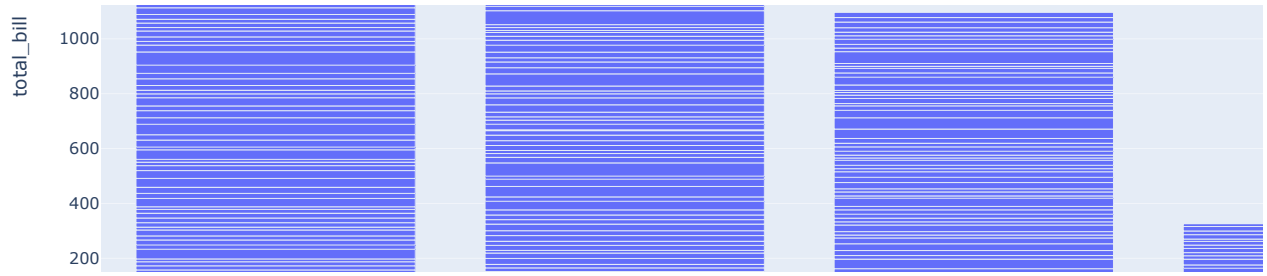


In [2]:
```
fig=px.line(df,y="sepal_width",line_dash="species",color="species")
fig.show()
```

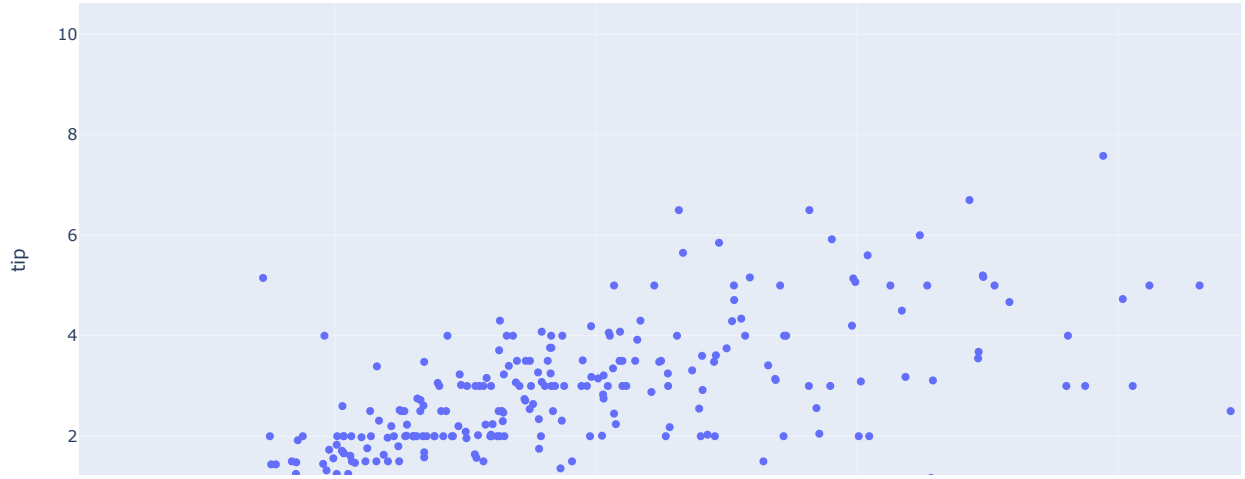


In [3]:
```
df=px.data.tips()
fig=px.bar(df,x='day',y='total_bill')
fig.show()
```





In [4]:
```
fig=px.scatter(df,x='total_bill',y='tip')
fig.show()
```



In [5]:
```
fig=px.histogram(df,x='total_bill')
fig.show()
```

In [6]:
```
import pandas as pd
```

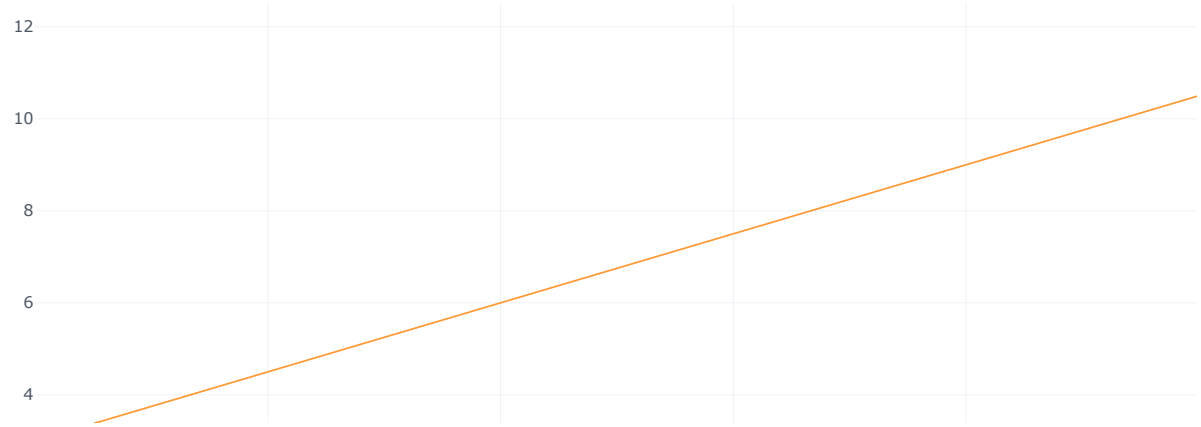
In [8]:
```
l1=[1,2,3,4]
l2=[2,4,6,8]
l3=[3,6,9,12]
l4=[4,8,12,16]
l5=[]
l5.append(l1)
l5.append(l2)
l5.append(l3)
l5.append(l4)
data=pd.DataFrame(l5,columns=['a','b','c','d'])
data
```

Out[8]:

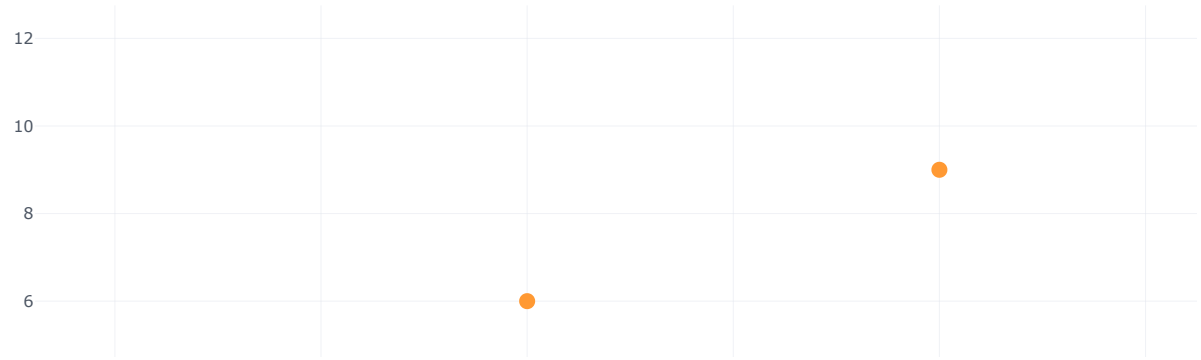
	a	b	c	d
0	1	2	3	4
1	2	4	6	8
2	3	6	9	12
3	4	8	12	16

In [12]:
```
import cufflinks as cf
from plotly.offline import init_notebook_mode,iplot
init_notebook_mode(connected=True)
cf.go_offline()
```

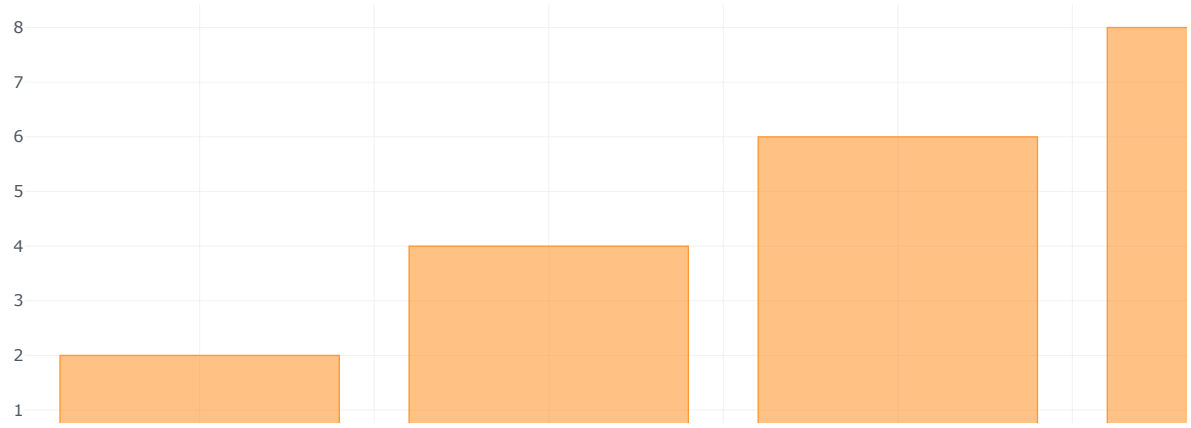
In [13]:
```
data.iplot(kind='scatter', x='a', y='c')
```



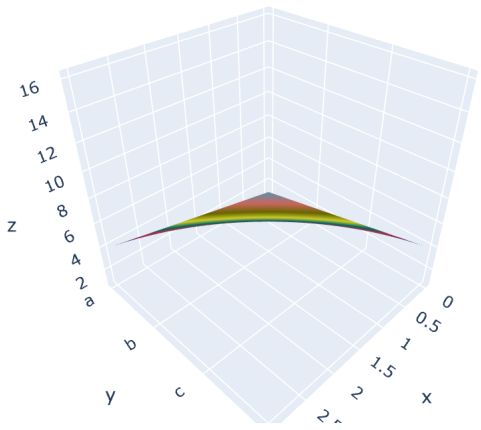
In [14]:
```
data.iplot(kind='scatter', x='a', y='c', mode='markers')
```



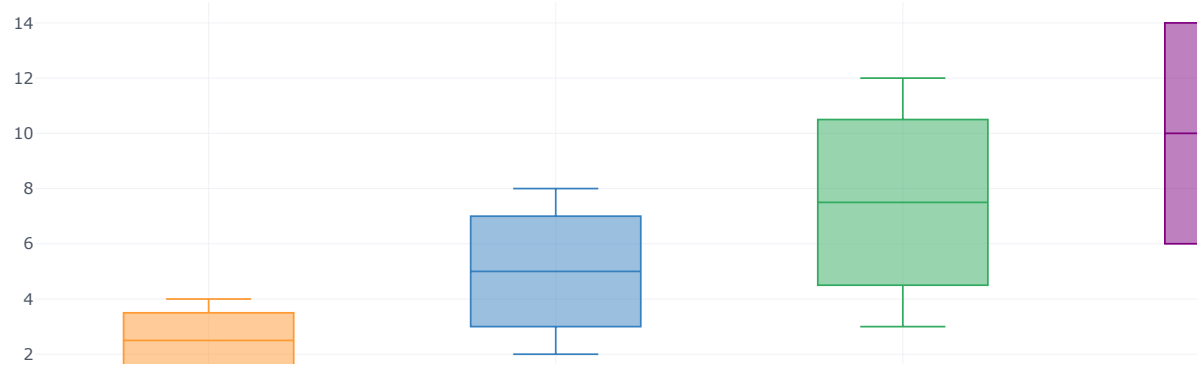
In [16]:
```
data.iplot(kind='bar', x='a', y='b')
```



In [17]:
```
data.iplot(kind='surface')
```



In [18]:
```
data.iplot(kind='box')
```



In [ ]: