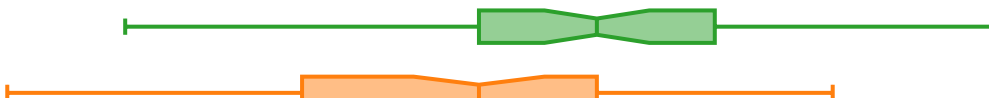
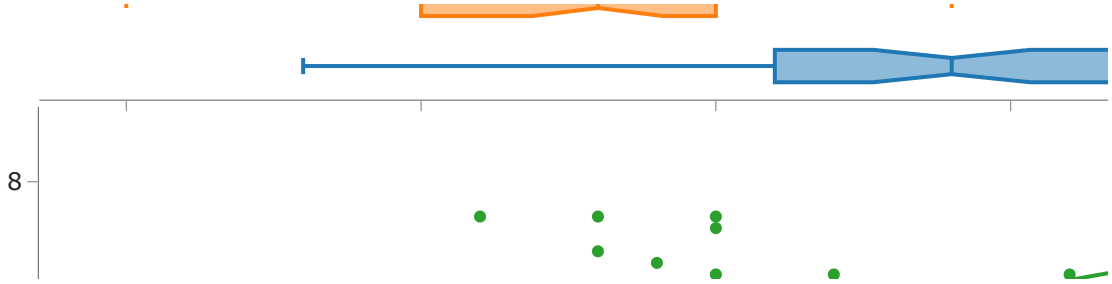
In [1]:
```
#pip install plotly
   #https://plotly.com/python/3d-surface-plots/
```

In [2]:
```
import plotly.express as px
df = px.data.iris()
fig = px.scatter(df, x="sepal_width", y="sepal_length", color="species",
                 size='petal_length', hover_data=['petal_width'])
fig.show()
```

In [3]:
```
import plotly.express as px
df = px.data.iris()
fig = px.scatter(df, x="sepal_width", y="sepal_length", color="species", marginal_y="vi
           marginal_x="box", trendline="ols", template="simple_white")
fig.show()
```



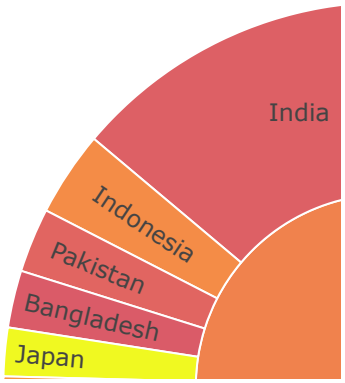


In [4]:

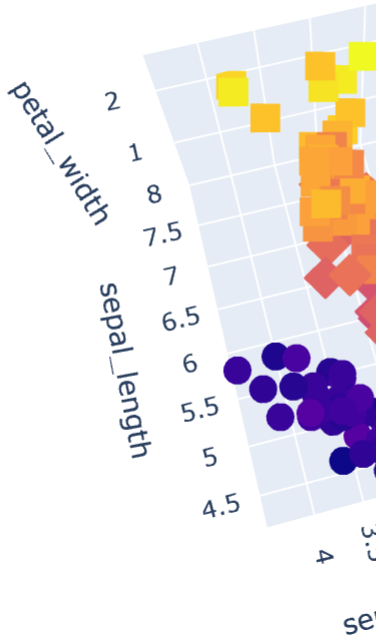
```
import plotly.express as px
df = px.data.gapminder().query("year == 2007").query("continent == 'Europe'")
df.loc[df['pop'] < 2.e6, 'country'] = 'Other countries' # Represent only large countrie
fig = px.pie(df, values='pop', names='country', title='Population of European continent
fig.show()
```

In [5]:
```
import plotly.express as px

df = px.data.gapminder().query("year == 2007")
fig = px.sunburst(df, path=['continent', 'country'], values='pop',
                  color='lifeExp', hover_data=['iso_alpha'])
fig.show()
```



In [3]:
```
import plotly.express as px
df = px.data.iris()
fig = px.scatter_3d(df, x='sepal_length', y='sepal_width', z='petal_width',
                    color='petal_length', symbol='species')
fig.show()
```



In [ ]: