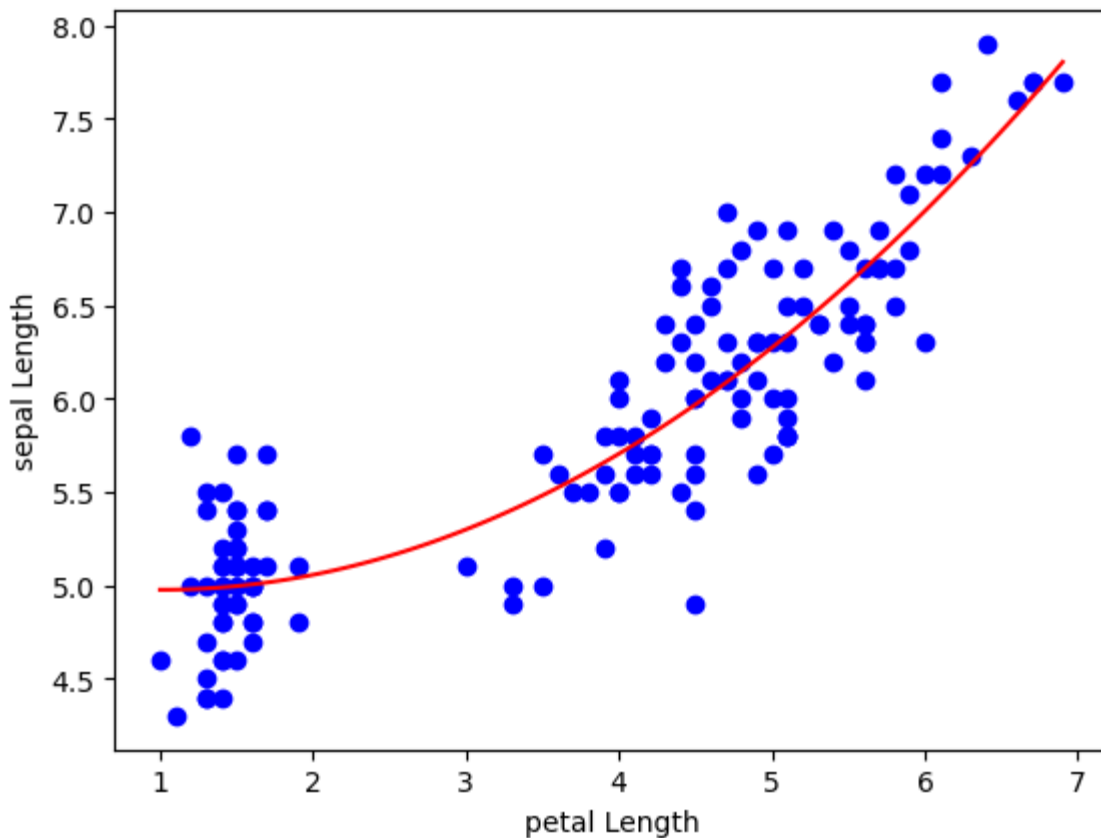


```
In [11]: y_pred=poly_reg.predict(x_range_poly)
```

```
In [14]: plt.scatter(x,y,label='Data points',color='blue')
plt.plot(x_range,y_pred,label=f'polynomial Regression (degree={degree})',color
plt.xlabel('petal Length')
plt.ylabel('sepal Length')
```

Out[14]: Text(0, 0.5, 'sepal Length')



In []: