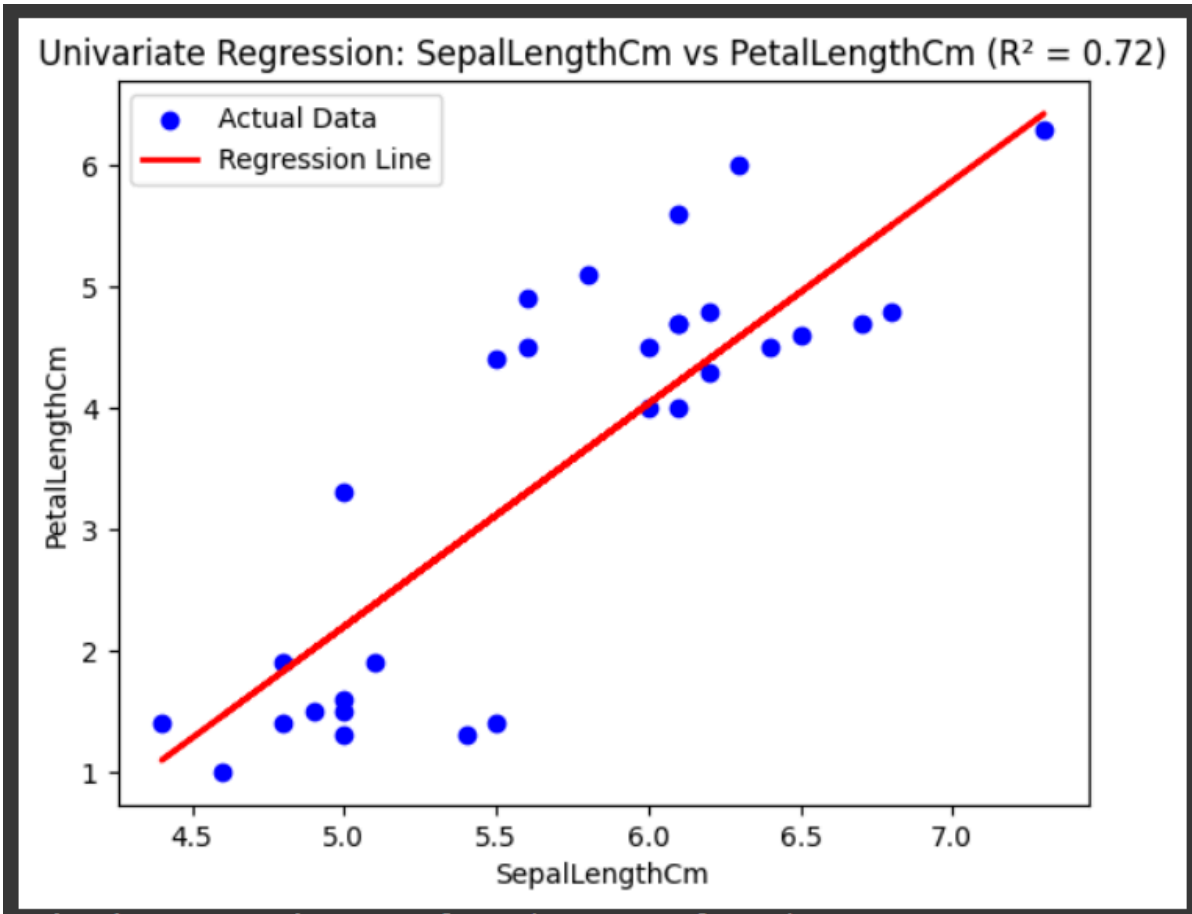
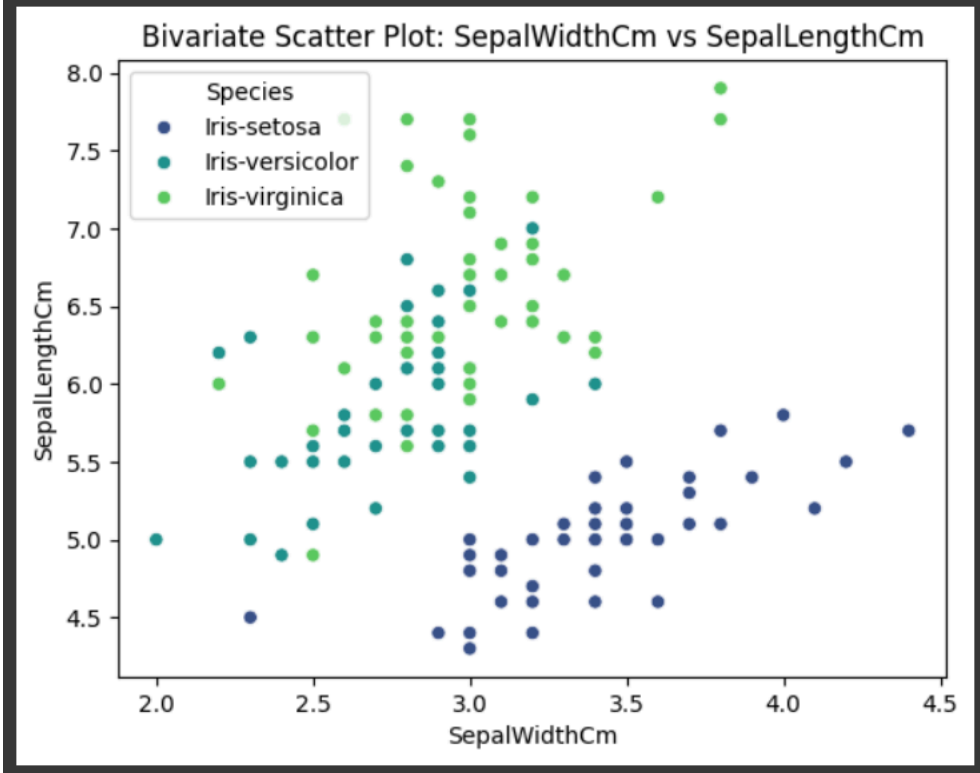
	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
0	1	5.1	3.5	1.4	0.2	Iris-setosa
1	2	4.9	3.0	1.4	0.2	Iris-setosa
2	3	4.7	3.2	1.3	0.2	Iris-setosa
3	4	4.6	3.1	1.5	0.2	Iris-setosa
4	5	5.0	3.6	1.4	0.2	Iris-setosa

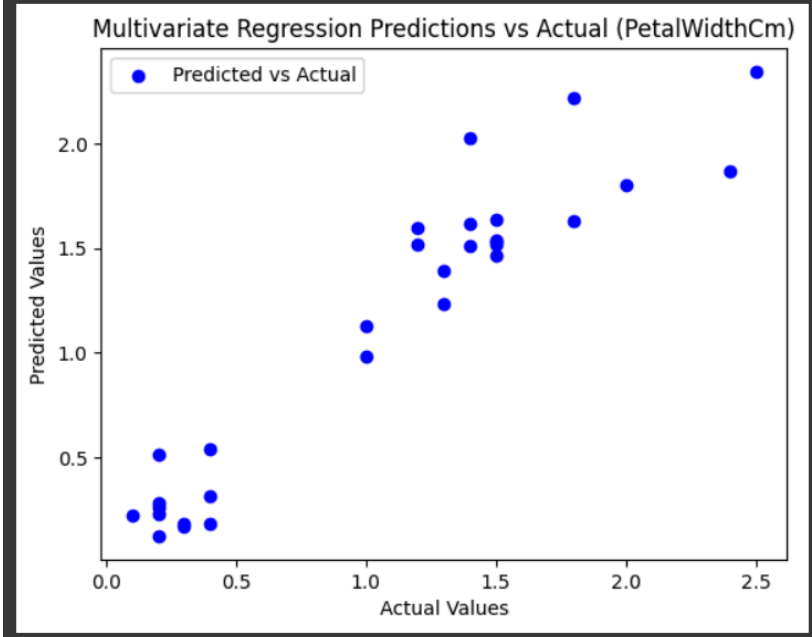


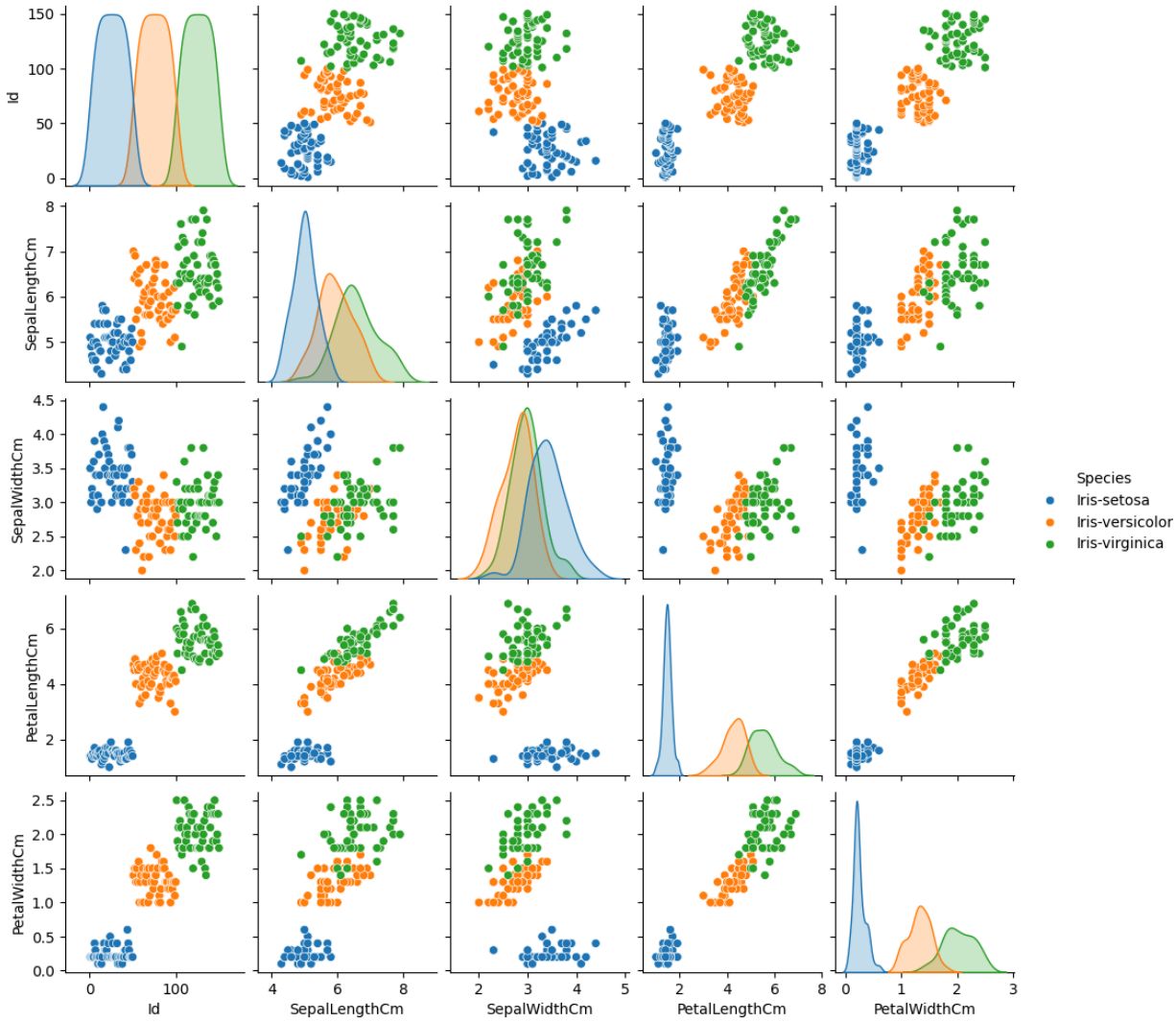

```
Univariate Regression - SepalLengthCm vs PetalLengthCm
Coefficient (Slope): 1.8381
Intercept: -6.9936
R-squared Value: 0.7214
```

```
Bivariate Regression - SepalWidthCm, SepalLengthCm vs PetalLengthCm
Coefficients (Slopes): [-1.34624918  1.7966746 ]
Intercept: -2.6396
R-squared Value: 0.8370
```



```
Multivariate Regression - ['SepalLengthCm', 'SepalWidthCm', 'PetalLengthCm'] vs PetalWidthCm
Coefficients (Slopes): [-0.19987362  0.20822671  0.52361786]
Intercept: -0.2276
R-squared Value: 0.8925
```




Id
SepalLengthCm
SepalWidthCm
PetalLengthCm
PetalWidthCm
Species
Iris-setosa
Iris-versicolor
Iris-virginica