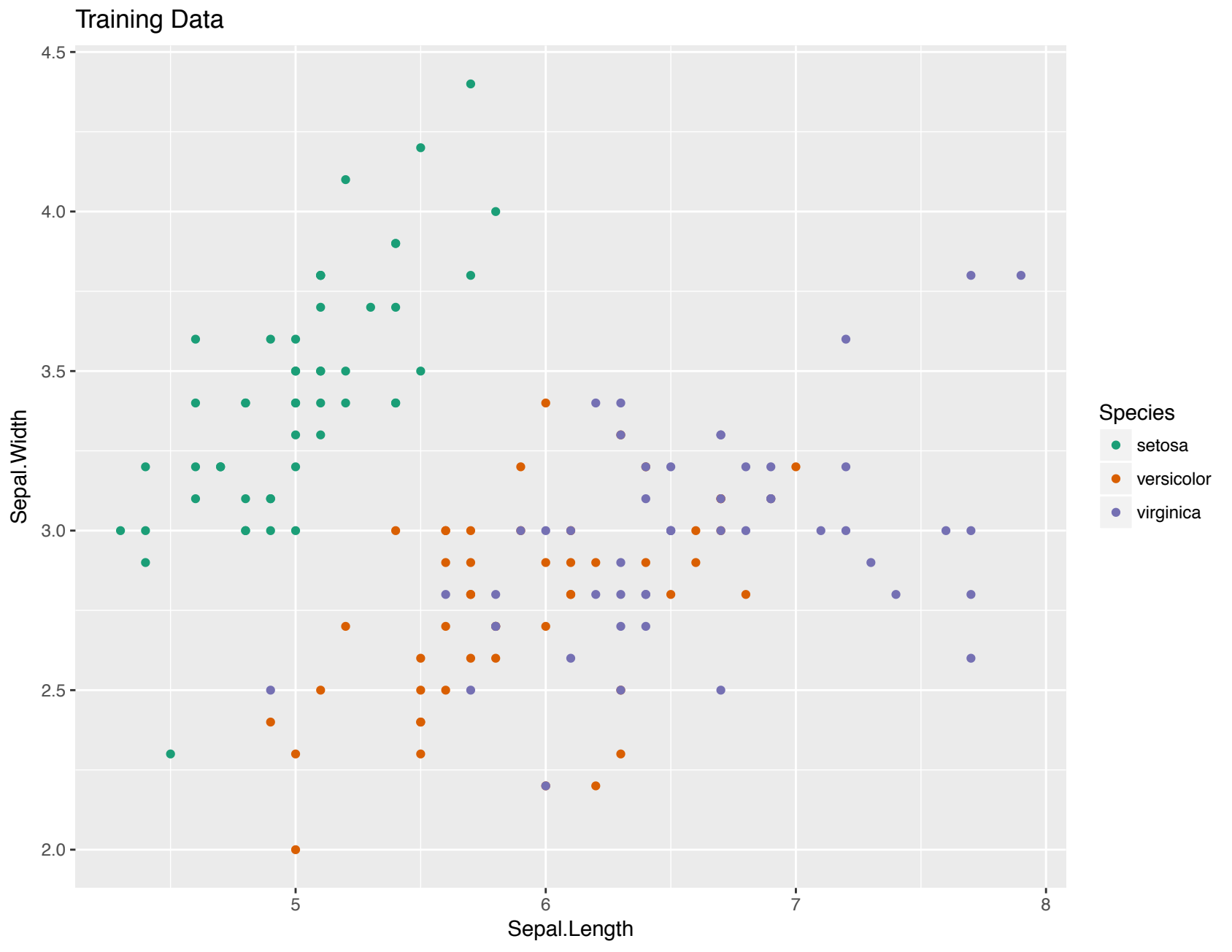
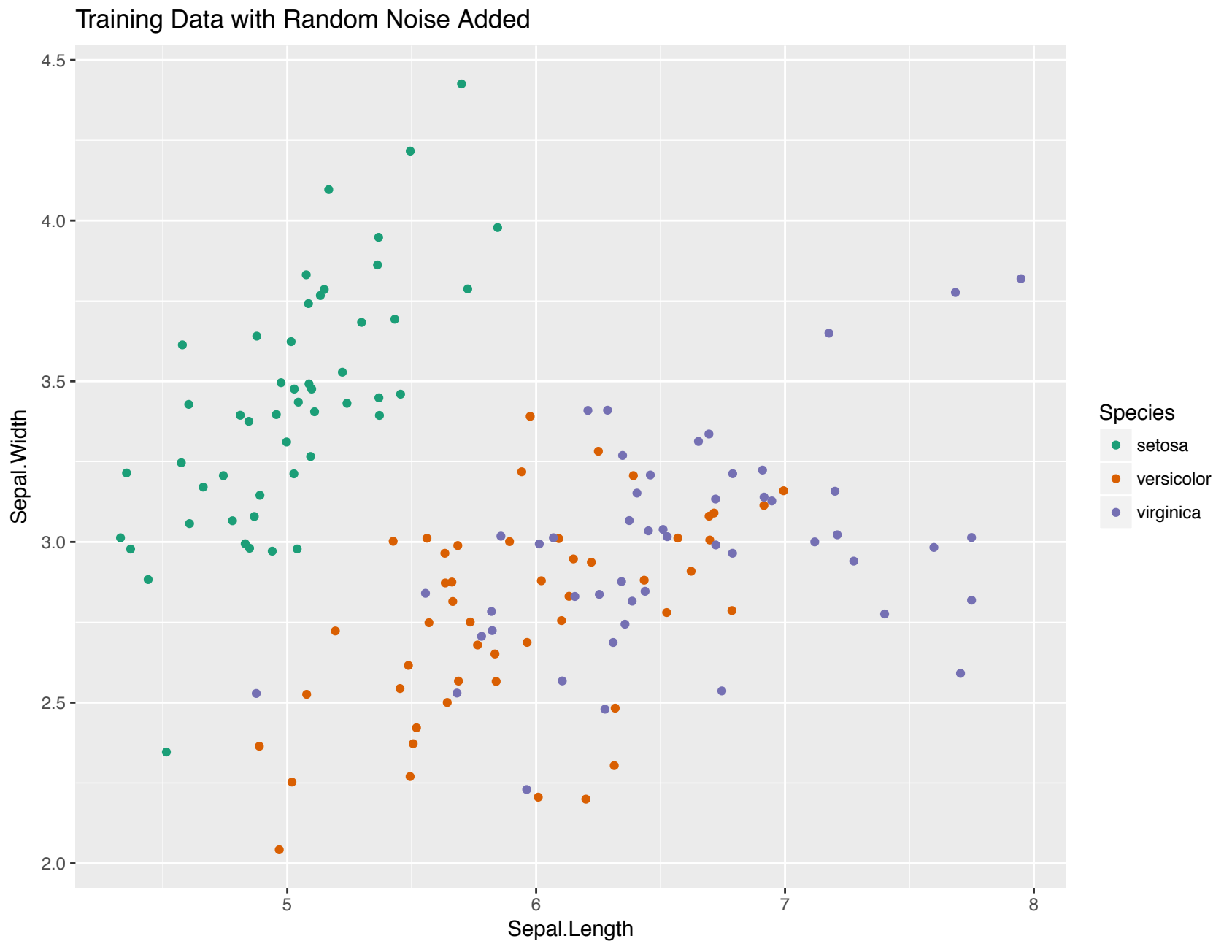
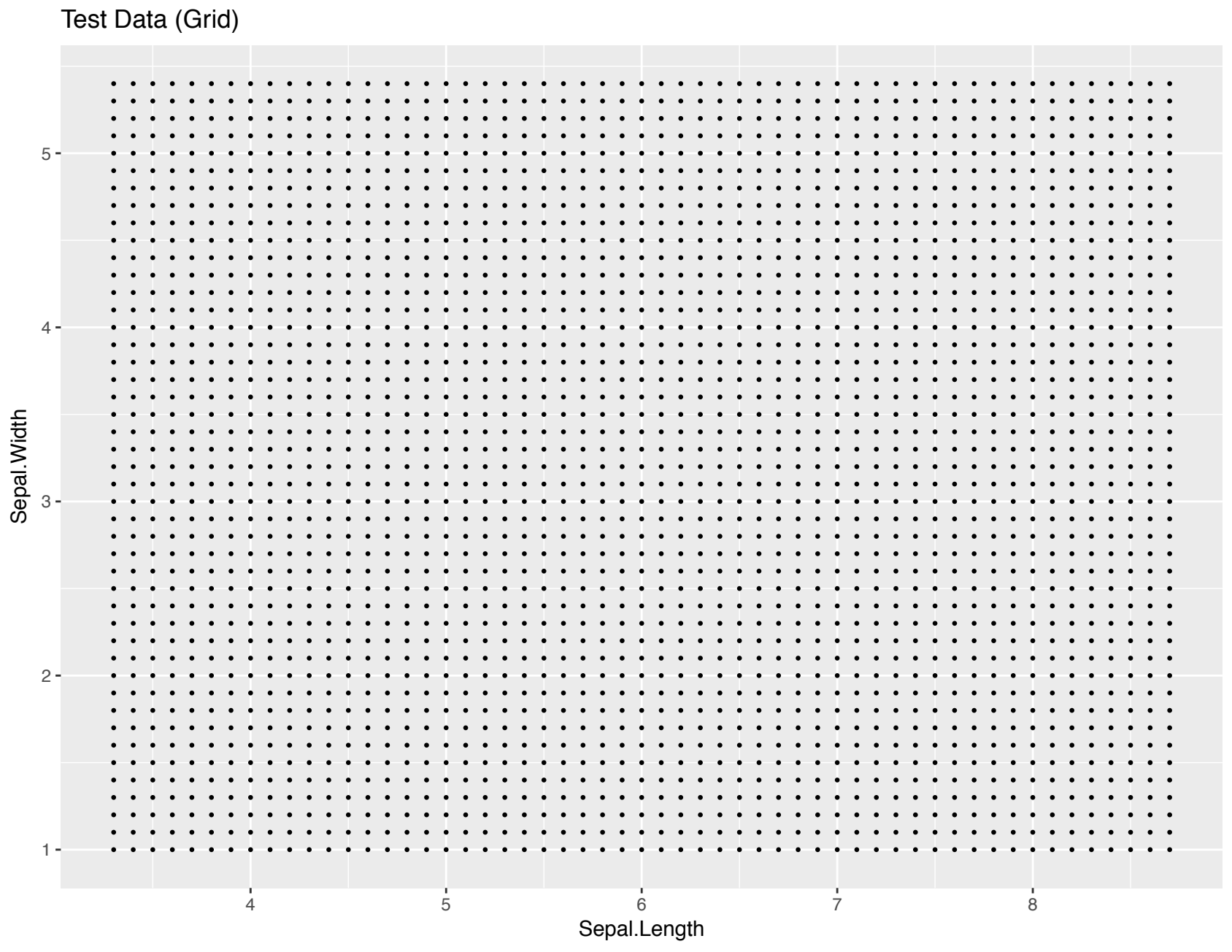
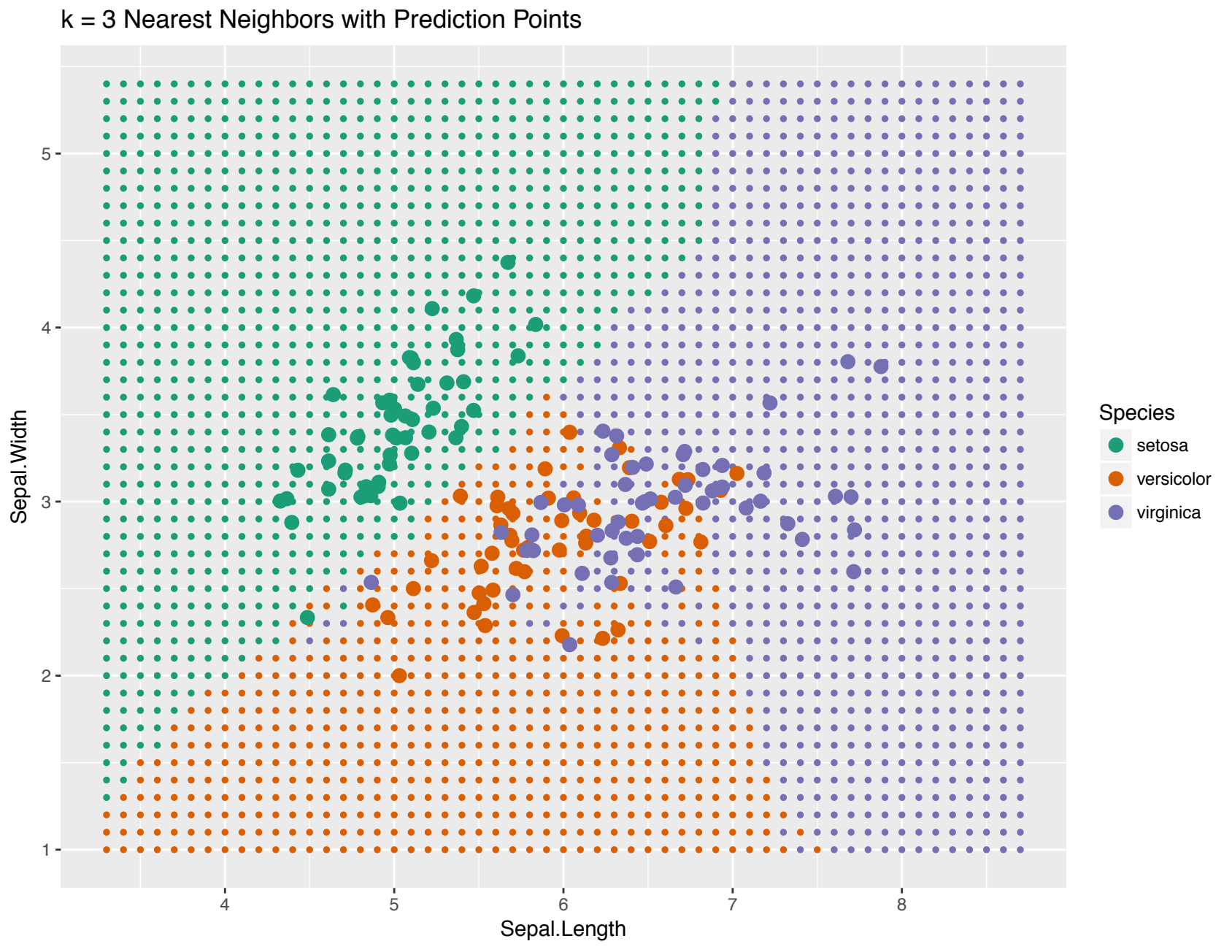
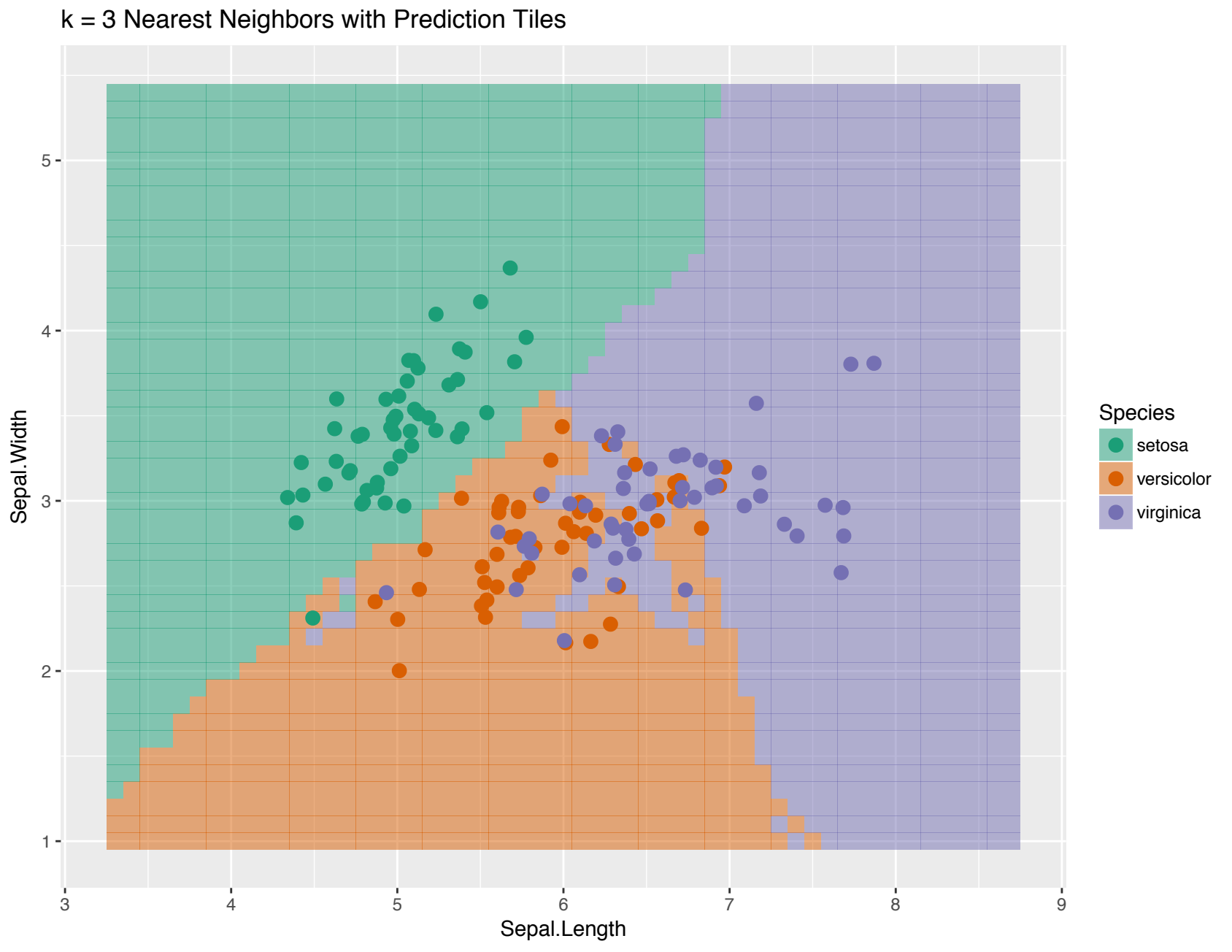
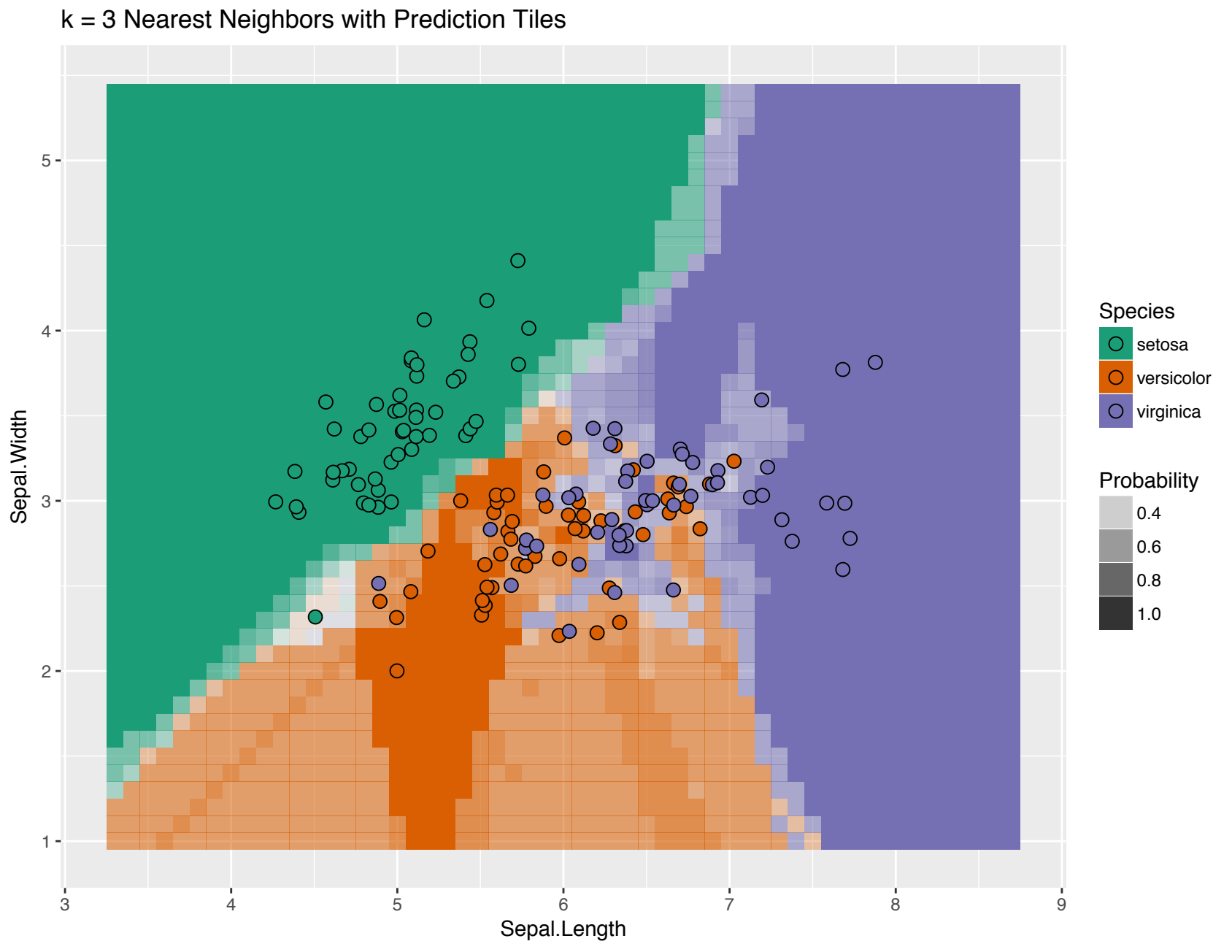

Training Data
Sepal.Width
Sepal.Length
4.5
4.0
3.5
3.0
2.5
2.0
5
6
7
8
Species
setosa
versicolor
virginica


Training Data with Random Noise Added
Sepal.Width
Sepal.Length
4.5
4.0
3.5
3.0
2.5
2.0
5
6
7
8
Species
setosa
versicolor
virginica


Test Data (Grid)
Sepal.Width
5
4
3
2
1
4
5
6
7
8
Sepal.Length


k = 3 Nearest Neighbors with Prediction Points
Sepal.Width
Sepal.Length
5
4
3
2
1
4
5
6
7
8
Species
setosa
versicolor
virginica


k = 3 Nearest Neighbors with Prediction Tiles
Sepal.Width
Sepal.Length
1
2
3
4
5
3
4
5
6
7
8
9
Species
setosa
versicolor
virginica


k = 3 Nearest Neighbors with Prediction Tiles
Sepal.Width
Sepal.Length
1
2
3
4
5
3
4
5
6
7
8
9
Species
setosa
versicolor
virginica
Probability
0.4
0.6
0.8
1.0