

스마트 농업 토양 습도 예측 대시보드

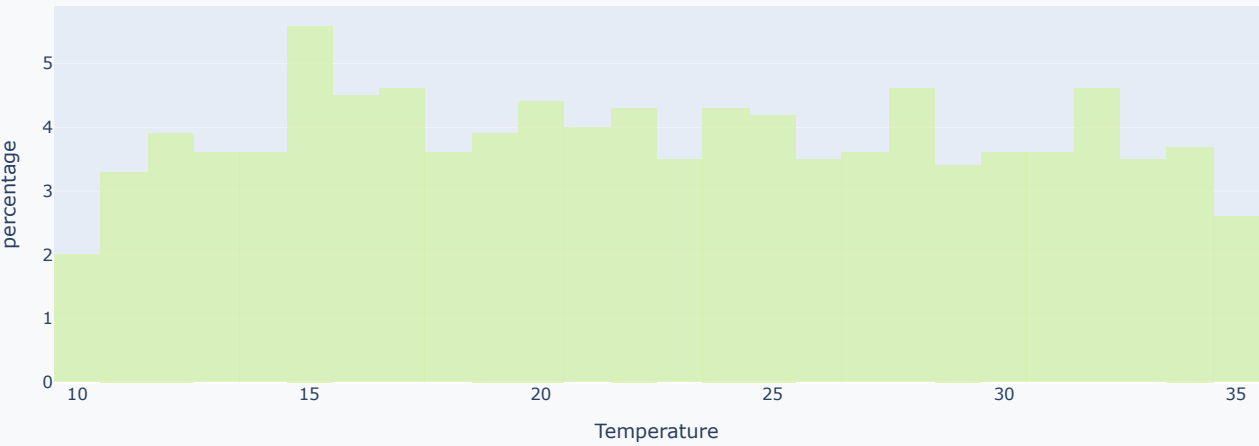
Weather Data

◆	◆ Temperature	◆ Humidity	◆ SoilType	◆ Rainfall	◆ WindSpeed	◆ SoilMoisture	◆ SoilMoistureDegree
1	32.47	81.81	Loamy	80.90	6.24	33.83	1
2	19.70	24.60	Sandy	188.73	6.03	11.43	0
3	25.49	56.02	Loamy	24.83	6.89	17.09	0
4	15.49	47.29	Clay	95.66	12.75	45.52	1
5	16.40	31.88	Loamy	15.75	13.29	47.79	1
6	20.63	25.20	Loamy	18.81	14.75	44.36	1
7	15.26	81.22	Sandy	10.35	9.32	32.11	1
8	21.83	75.44	Sandy	72.75	4.53	40.79	1
9	17.50	89.97	Clay	159.43	6.50	23.66	0
10	11.15	24.91	Loamy	29.09	1.72	10.33	0

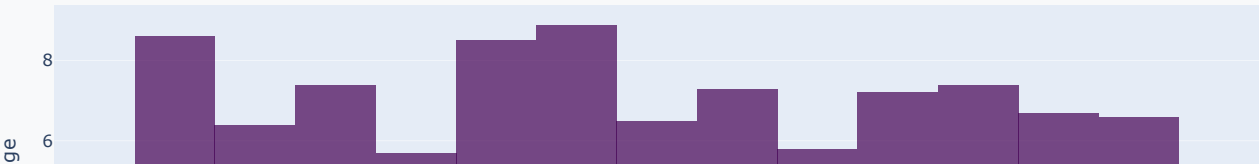
1 / 100

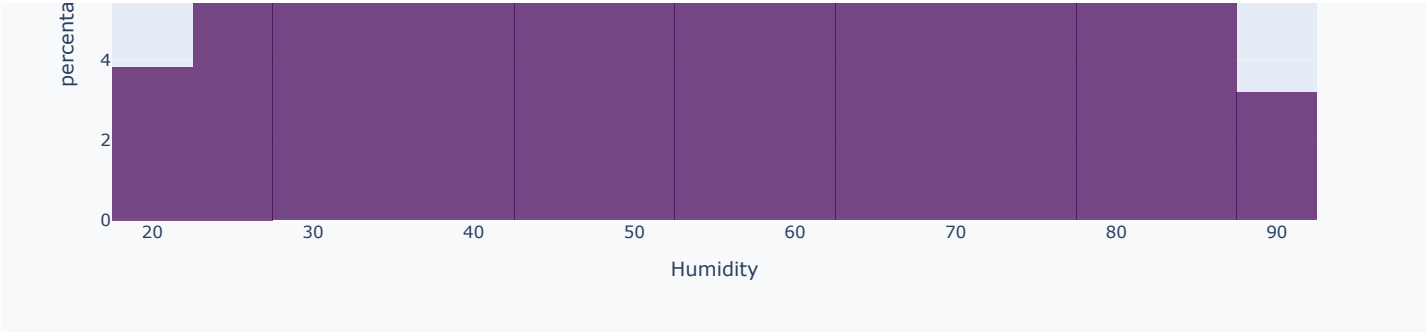
Temperature & Humidity Histogram

Temperature Distribution



Humidity Distribution

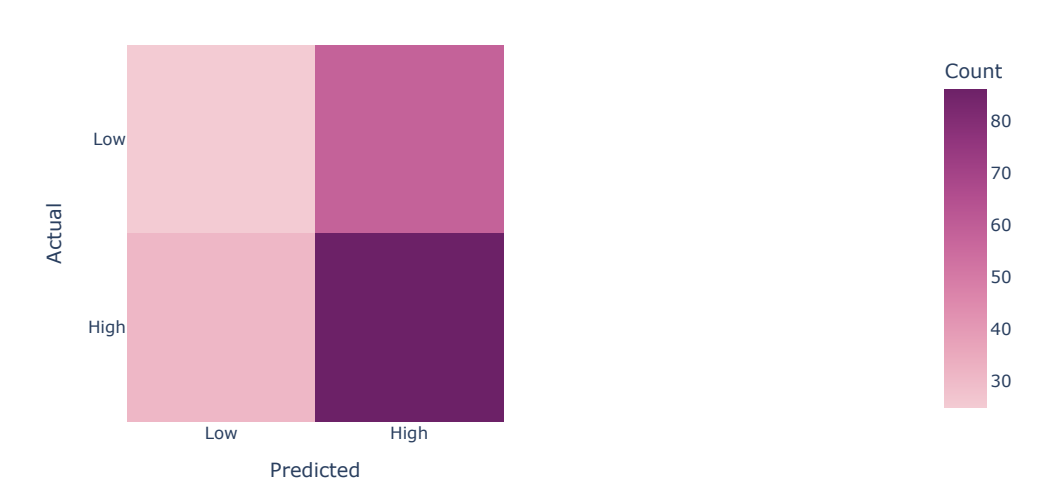




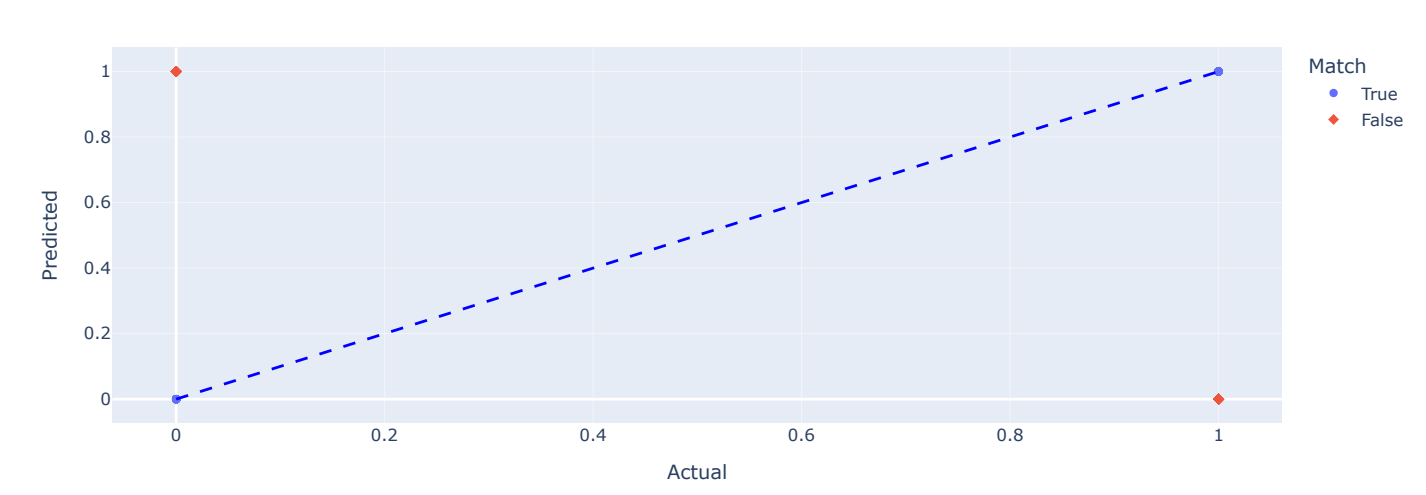
Model Evaluation

Accuracy: 0.56

Confusion Matrix



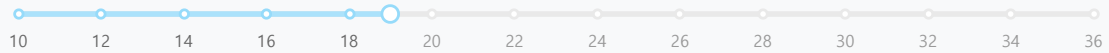
Actual vs Predicted Scatter Plot



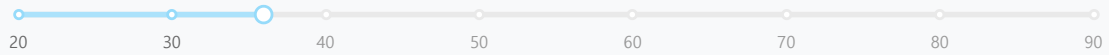
Metric	Precision	Recall	F1-Score	Support
0	0.446	0.301	0.360	83
1	0.597	0.735	0.659	117
accuracy	0.555	0.555	0.555	0
macro avg	0.522	0.518	0.509	200
weighted avg	0.535	0.555	0.535	200

Predict Soil Moisture

Temperature (°C):



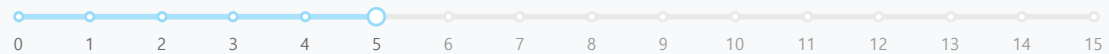
Humidity (%):



Rainfall (mm):



Wind Speed (m/s):



Soil Type:

Sandy × ▼

예측하기

토양습도: 49.59 (높음)