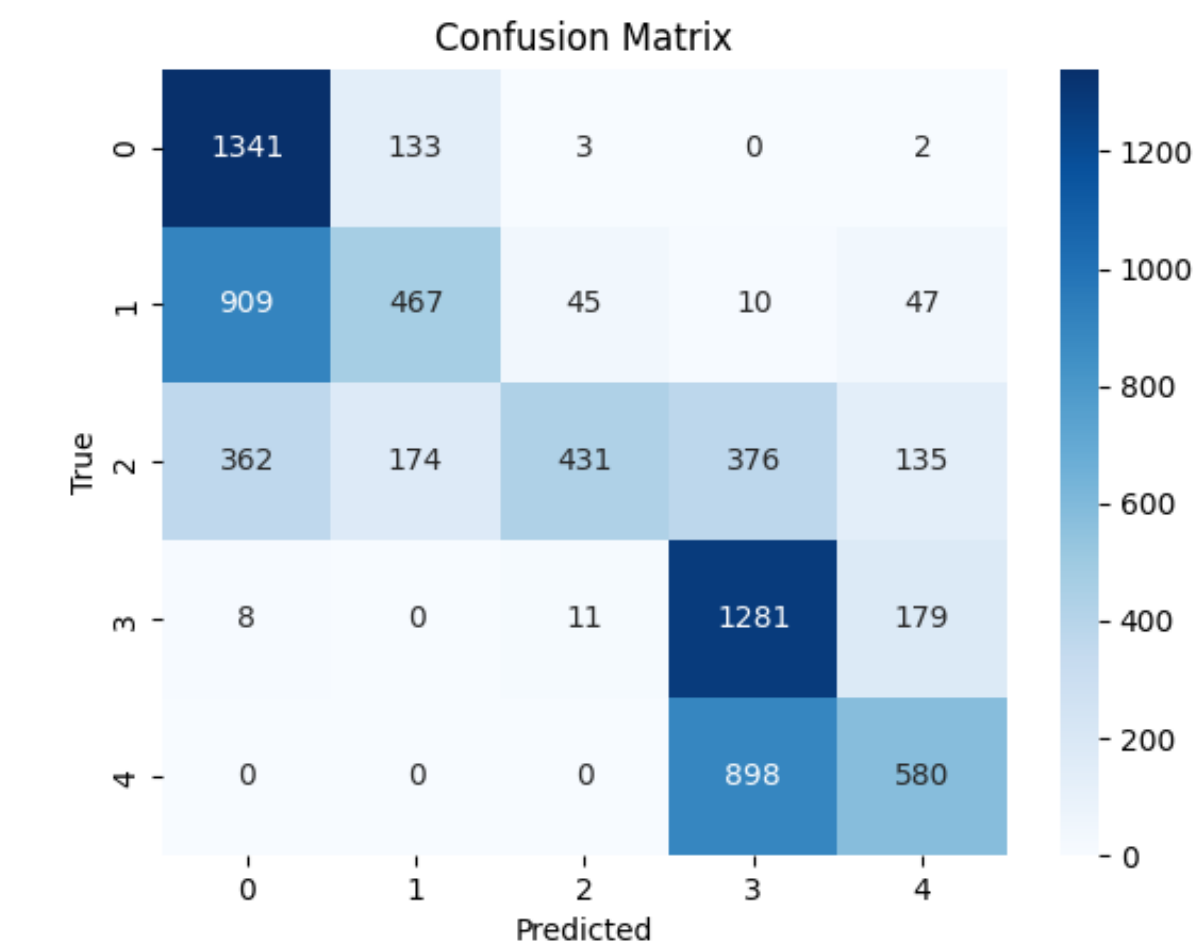
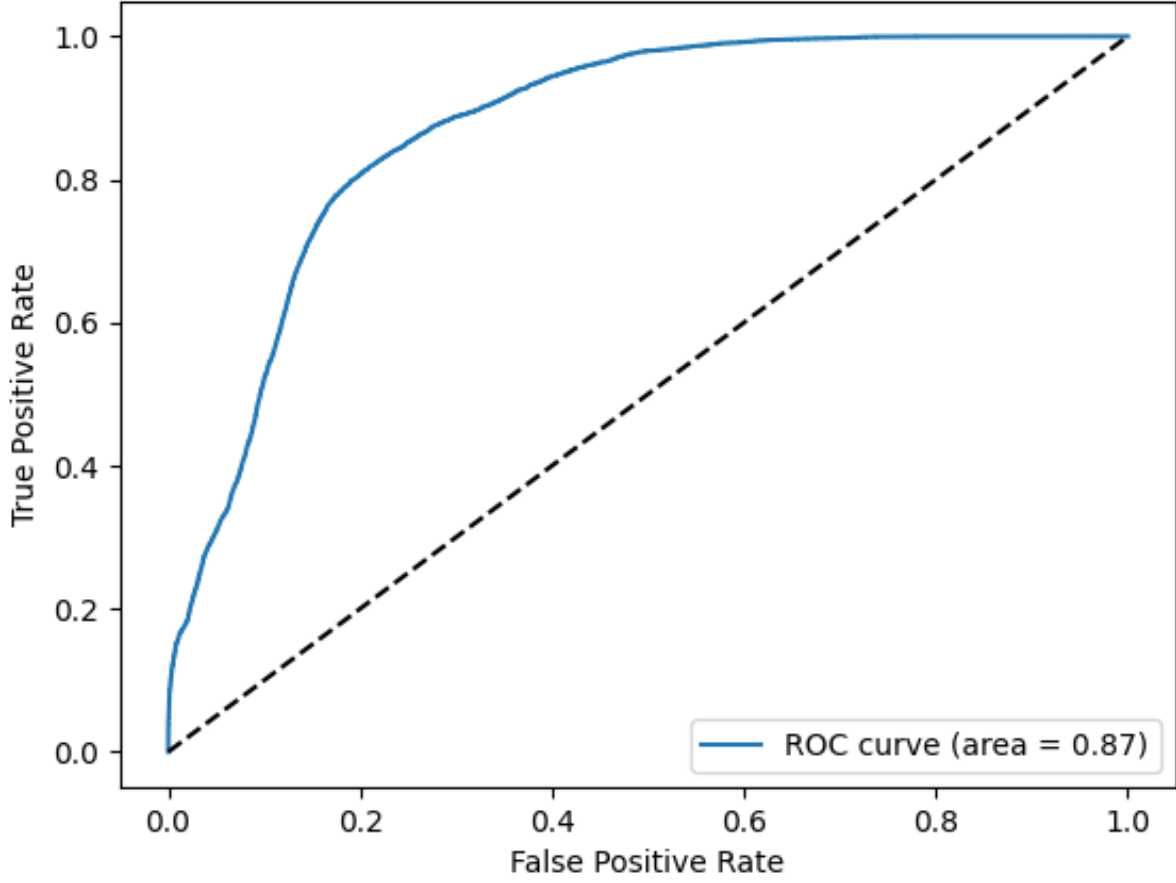


Earthquake Risk Analysis Report

Confusion Matrix / ROC Curve:

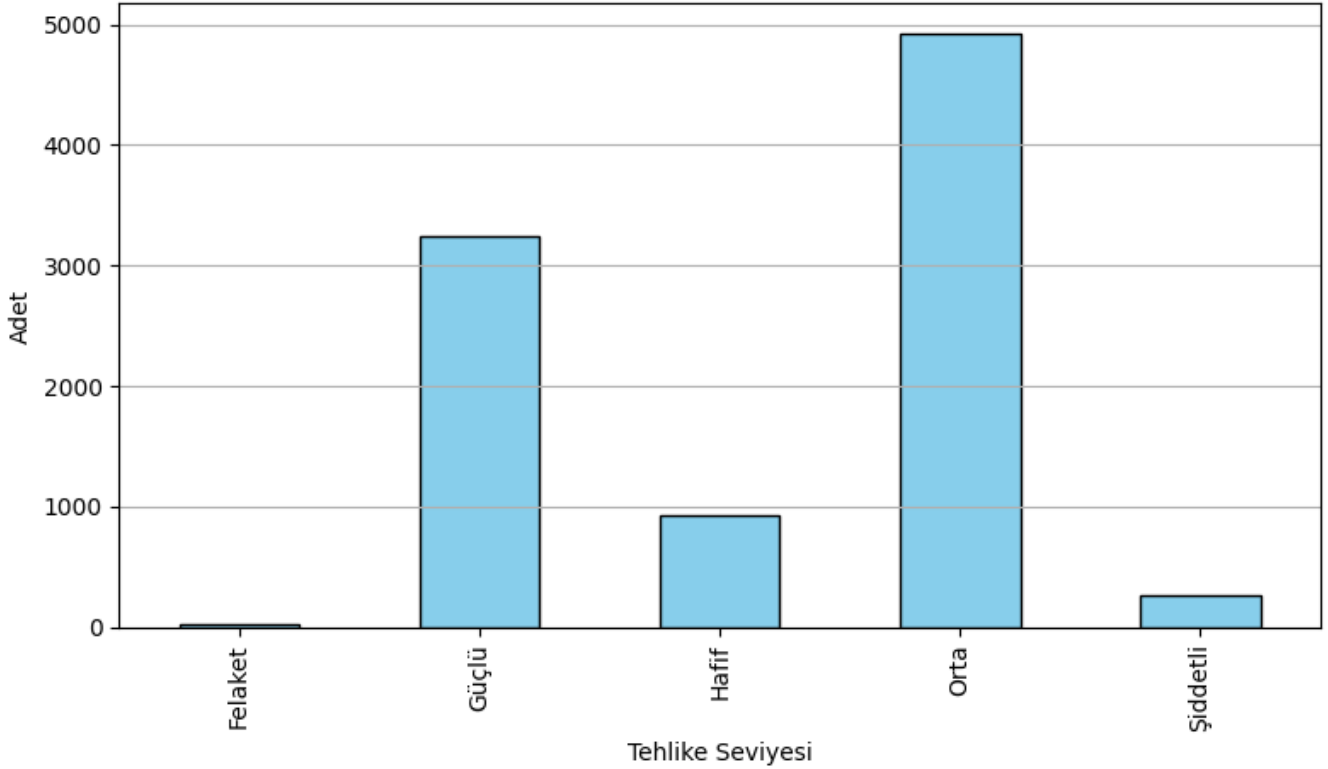


Receiver Operating Characteristic

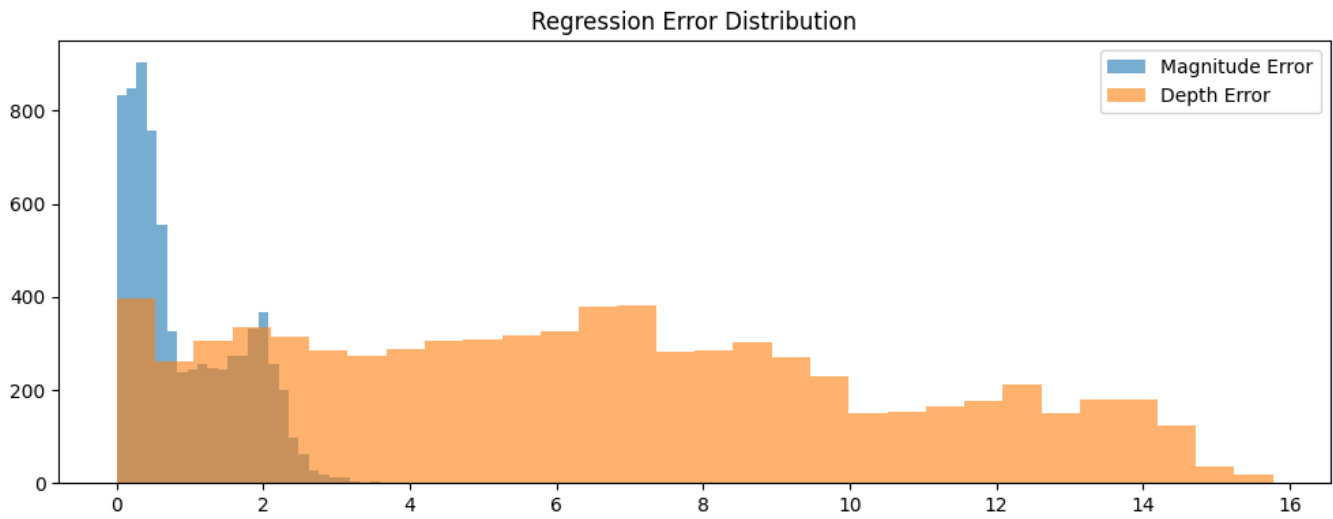


Class Distribution:

Tehlike Sınıfı Dağılımı



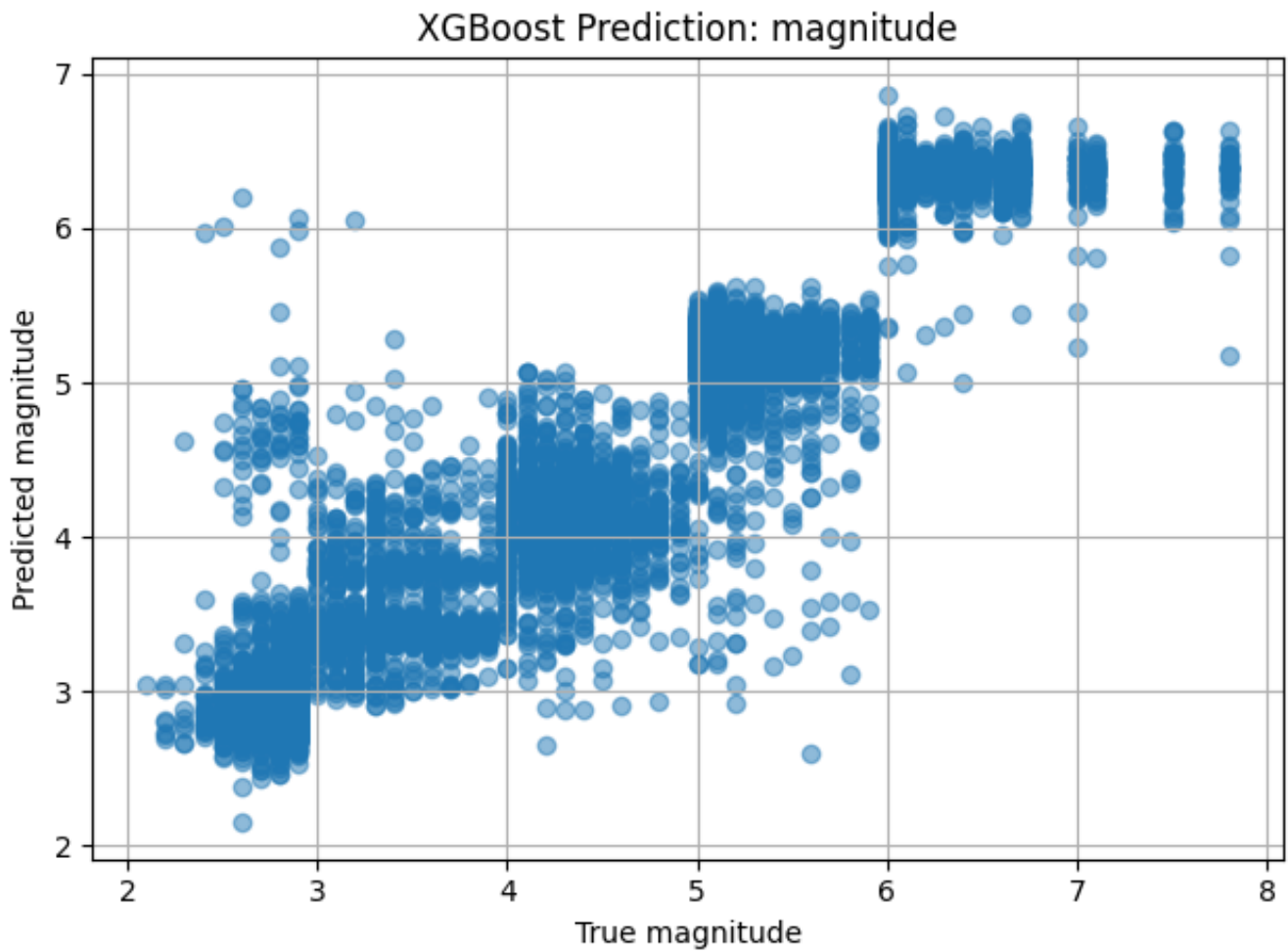
Regression Error Distribution:



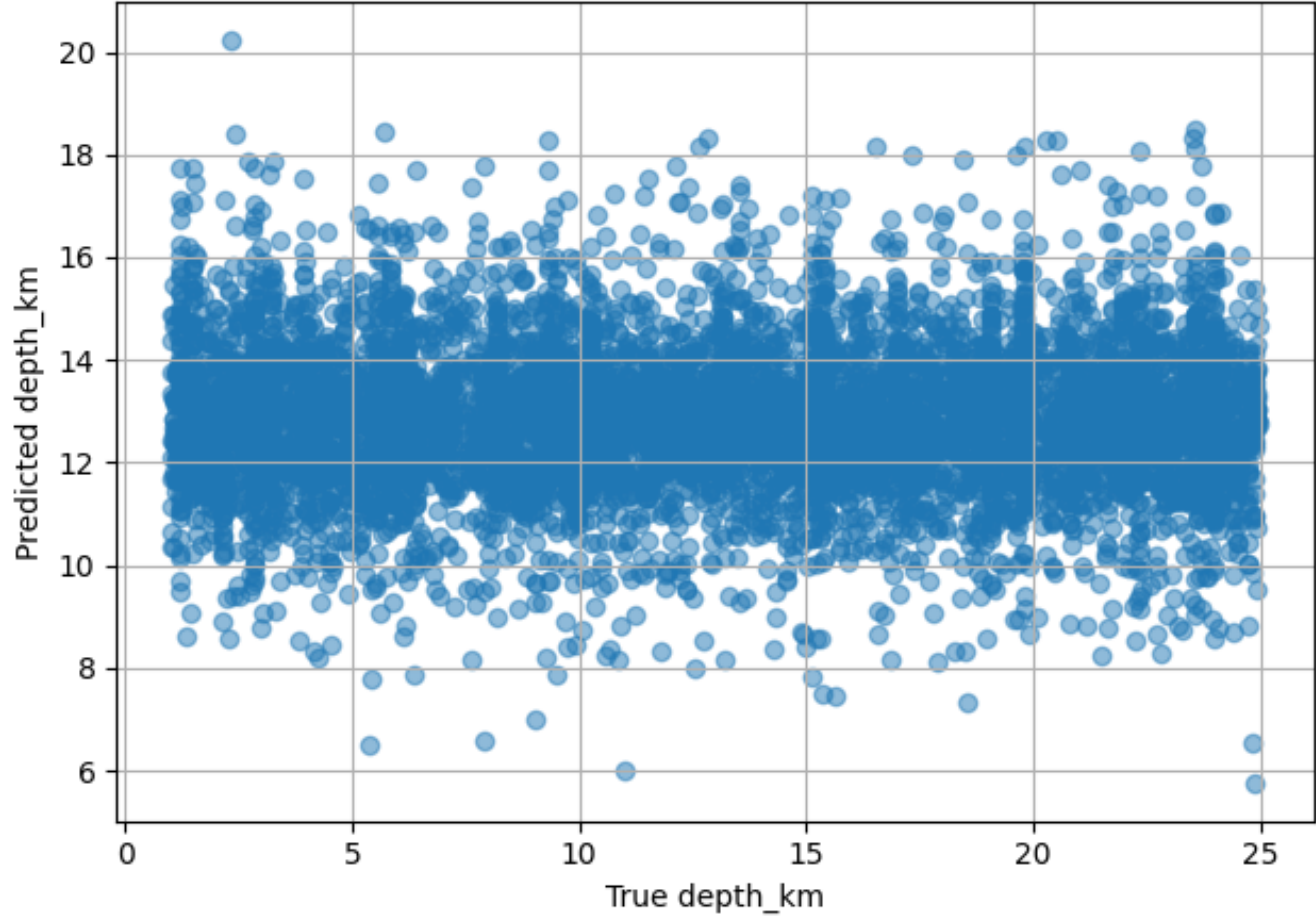
Geographic Risk Map:

[Missing Image] data\geographic_distribution.png

XGBoost Results:



XGBoost Prediction: depth_km



Prediction Summary Statistics:

	feat_0	feat_1	feat_2	feat_3	feat_4	feat_5	feat_6	feat_7	feat_8	feat_9	feat_10	true_class
count	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00	7392.00
mean	0.02	1.11	0.07	0.22	-0.12	-0.06	0.26	-0.05	0.59	0.21	-0.17	2.00
std	0.98	2.04	0.96	1.04	0.96	0.98	1.11	0.96	4.40	1.21	1.00	1.41
min	-1.70	-3.12	-1.63	-0.92	-1.52	-1.42	-1.25	-0.81	-0.02	-0.91	-3.08	0.00
25%	-0.82	-0.78	-0.70	-0.62	-1.01	-0.93	-0.67	-0.81	-0.02	-0.55	-0.92	1.00
50%	0.03	0.88	0.17	-0.25	-0.16	-0.04	-0.23	-0.81	-0.02	-0.22	-0.08	2.00
75%	0.88	2.64	0.74	1.17	0.76	0.80	1.39	1.24	0.01	0.51	0.61	3.00
max	1.74	6.35	2.51	2.76	1.61	1.53	2.24	1.24	87.87	7.74	2.51	4.00