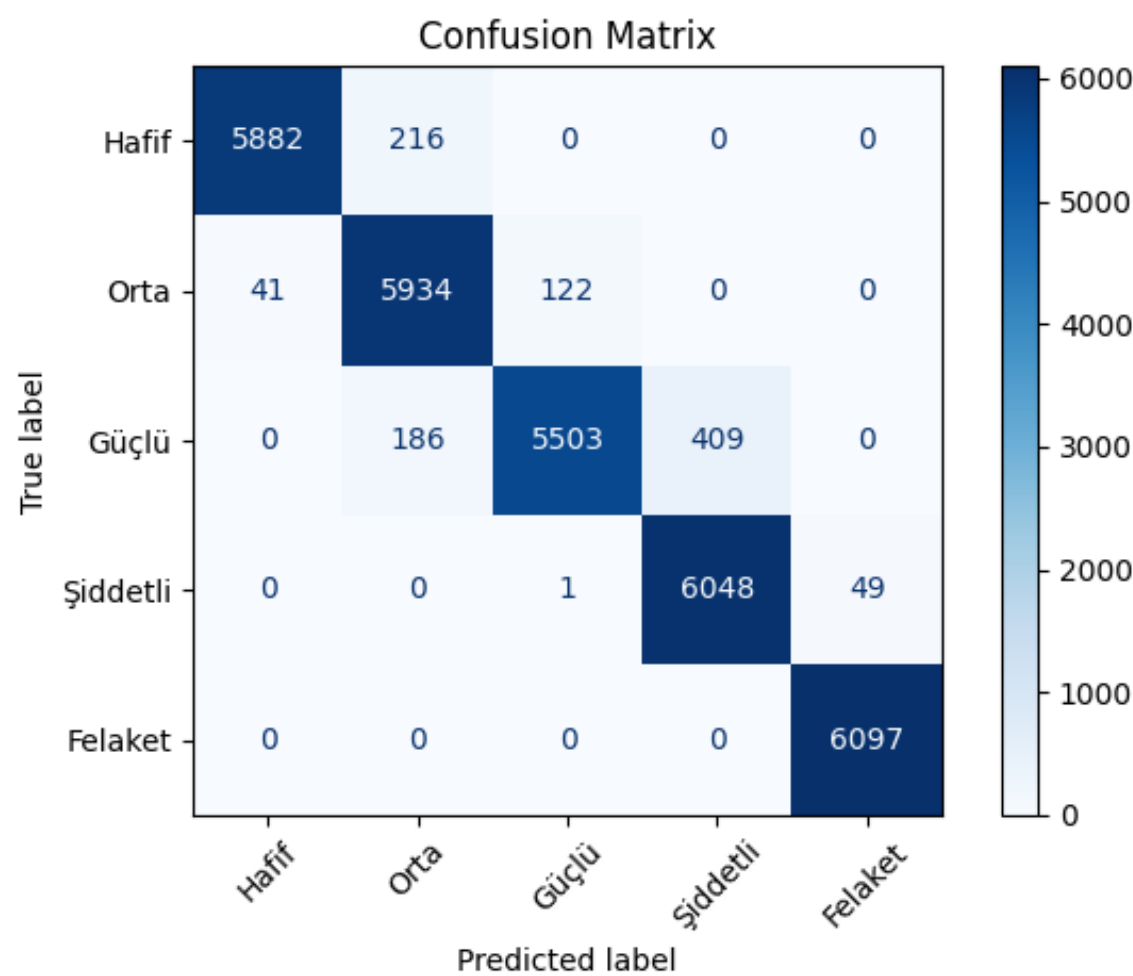


Earthquake Risk Analysis Report

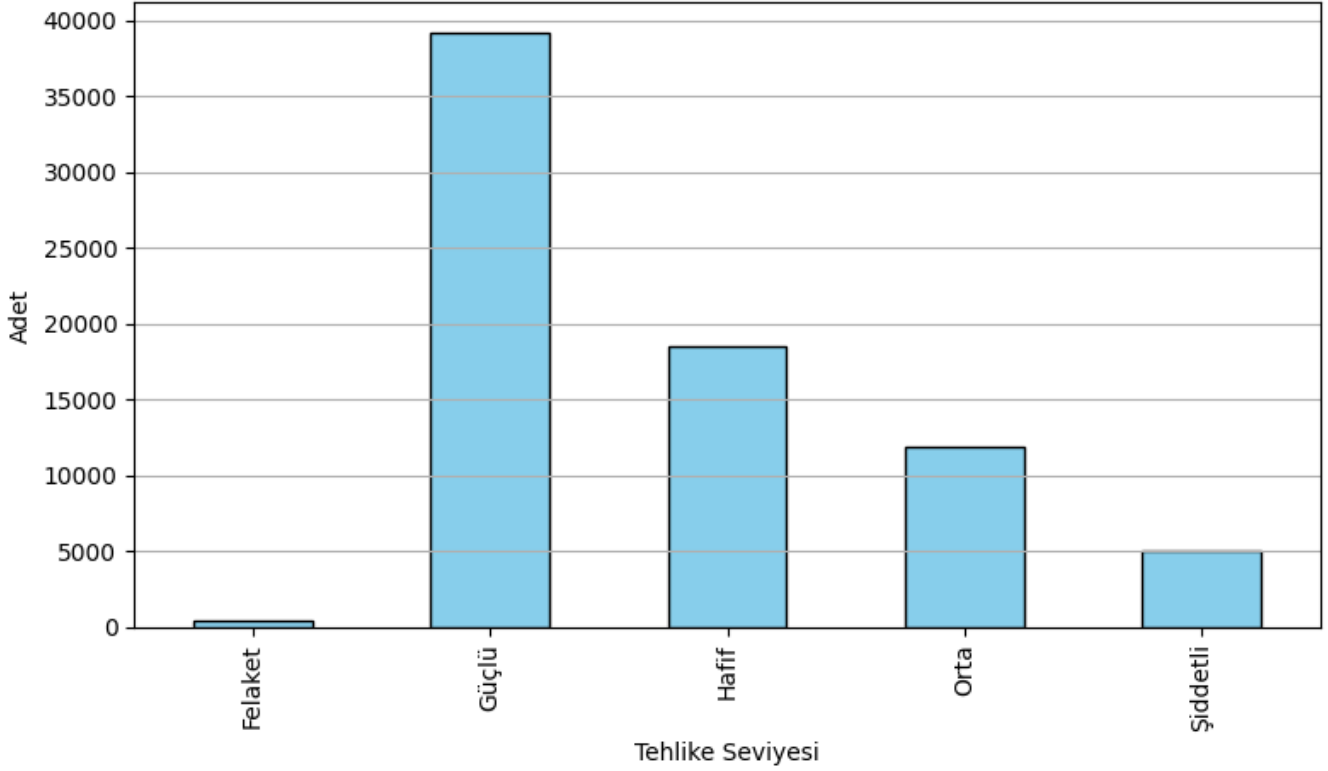
Confusion Matrix / ROC Curve:



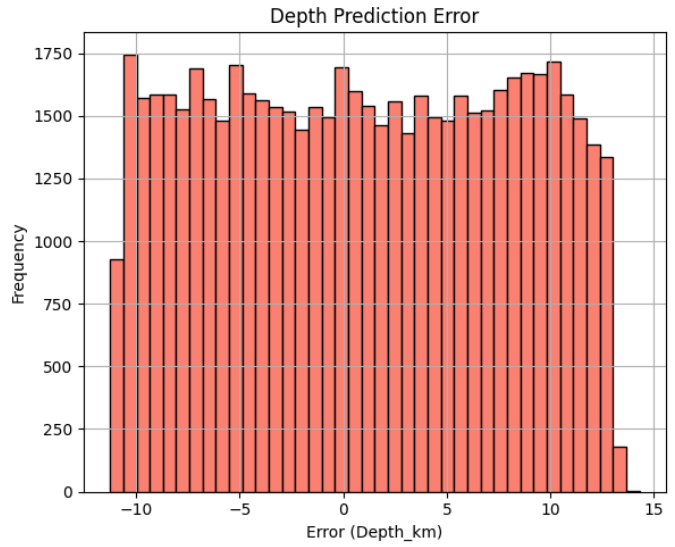
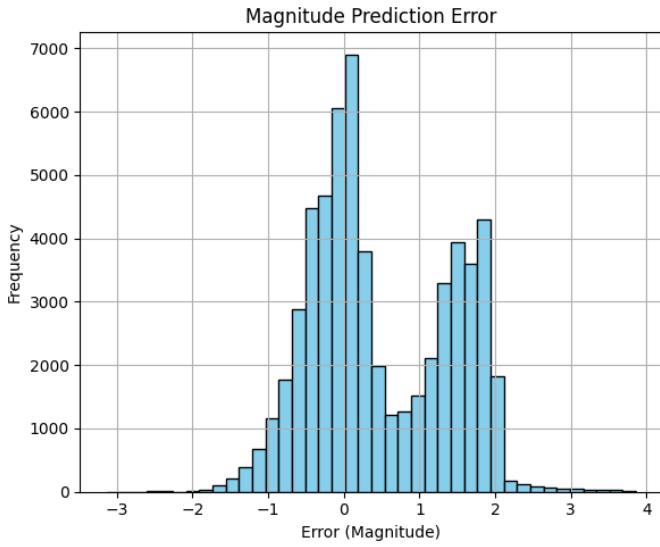
[Missing Image] data\roc_curve.png

Class Distribution:

Tehlike Sınıfı Dağılımı



Regression Error Distribution:

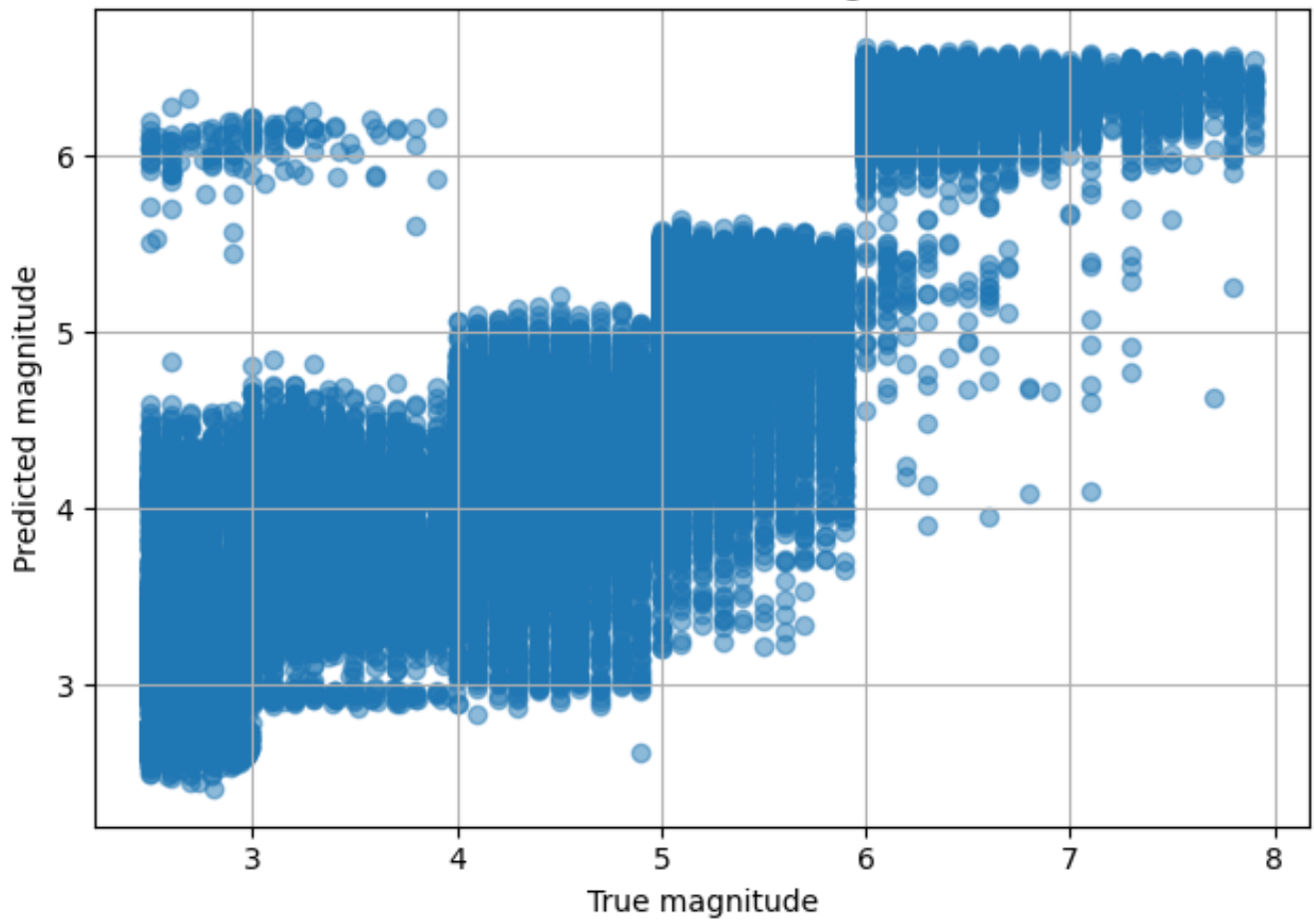


Geographic Risk Map:

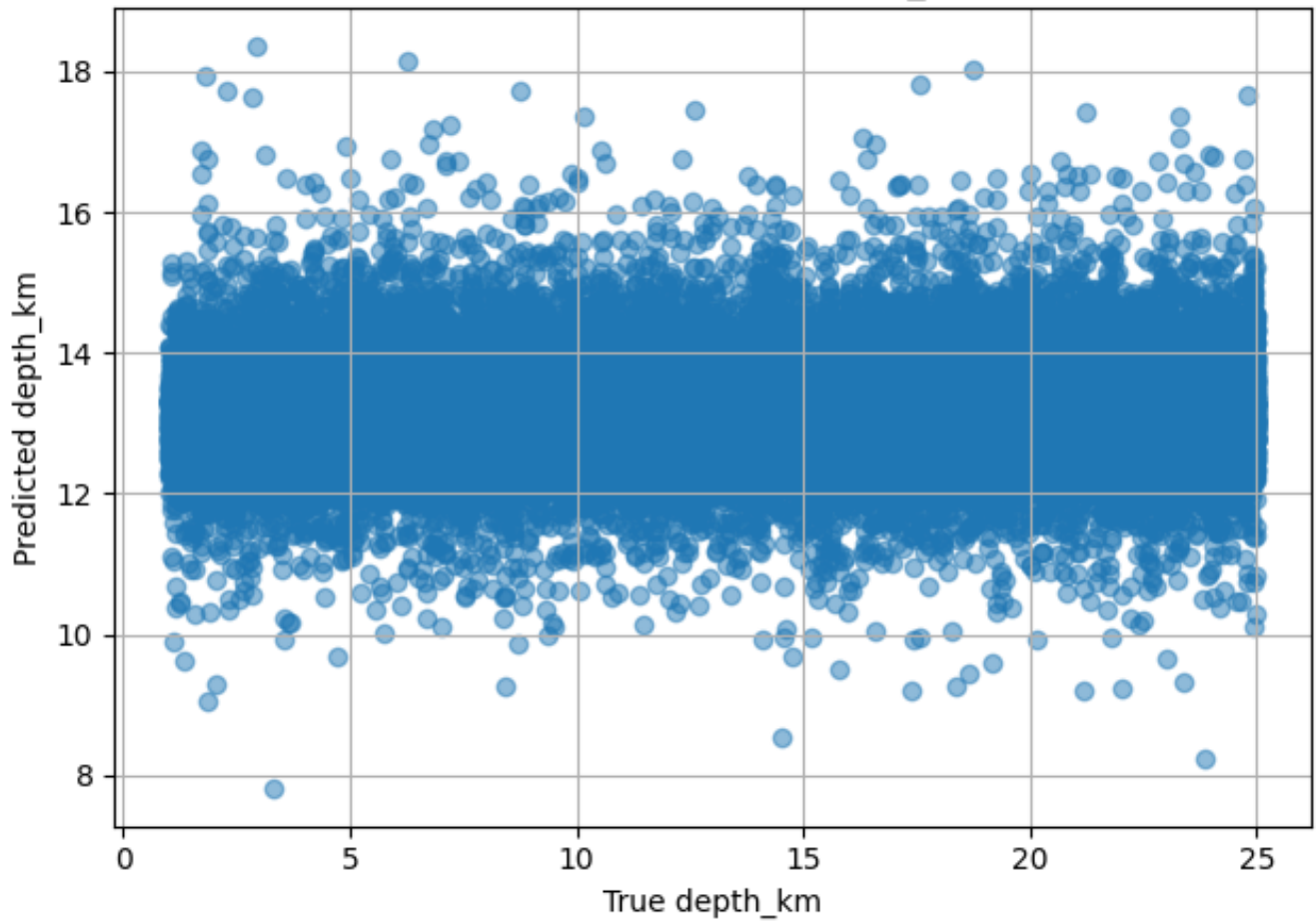
[Missing Image] data\geographic_distribution.png

XGBoost Results:

XGBoost Prediction: magnitude



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	t
count	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	58808.00	
mean	0.03	0.59	-0.07	0.02	0.01	-0.00	-0.01	0.00	0.66	0.10	0.09	
std	0.98	1.54	1.02	1.00	0.97	0.97	0.98	1.00	5.55	1.08	0.95	
min	-1.73	-1.58	-3.31	-1.24	-3.07	-1.51	-1.62	-0.78	-0.02	-0.88	-3.26	
25%	-0.82	-0.90	-0.83	-0.91	-0.36	-1.01	-0.93	-0.78	-0.02	-0.56	-0.31	
50%	0.05	0.59	0.01	-0.35	-0.36	-0.01	0.00	-0.78	-0.02	-0.28	-0.11	
75%	0.87	1.65	0.75	1.17	1.00	0.98	0.84	1.28	-0.00	0.32	0.58	
max	1.72	4.58	2.21	1.59	1.00	1.48	1.62	1.28	131.30	8.67	2.47	