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Saving Synthetic_air_quality_data.csv to Synthetic_air_quality_data (1).csv

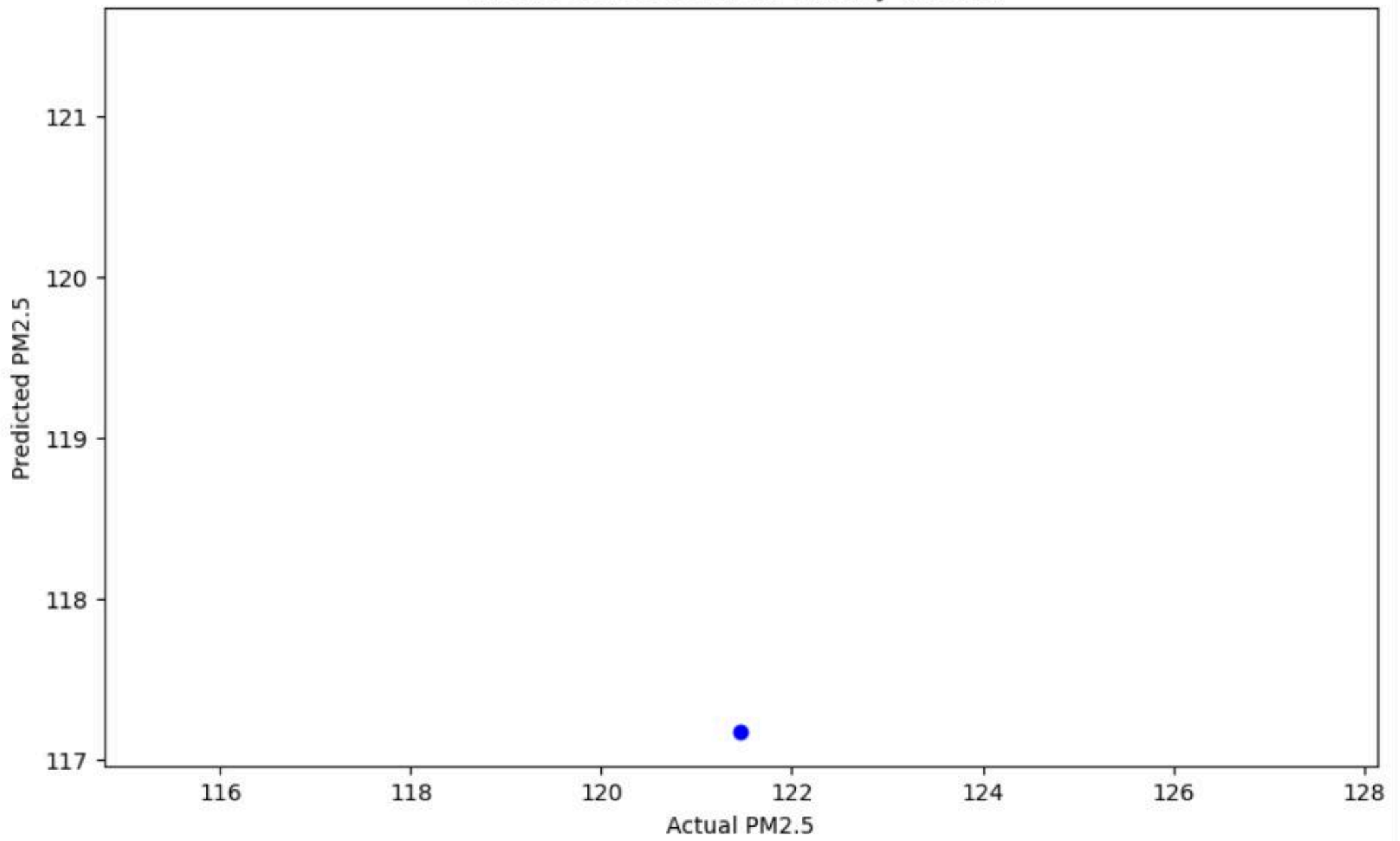
	TEMPERATURE	HUMIDITY	CO	NO2	SO2	PM10	\
0	22.490802	71.889703	1.851329	25.954089	1.308528	124.127838	
1	34.014286	62.165782	5.419009	23.959094	1.234894	114.679169	
2	29.639879	48.571657	8.729458	1.282103	4.531273	86.029343	
3	26.973170	78.827701	7.322249	17.062391	1.247731	143.407072	
4	18.120373	71.083870	8.065611	19.009781	1.359749	30.071177	

	O3	PM2.5
0	104.178419	125.298557
1	121.535396	121.463946
2	45.065506	83.227620
3	97.482374	134.082793
4	90.044438	77.986314

TEMPERATURE0
HUMIDITY0
CO0
NO20
SO20
PM100
O30
PM2.50

dtype: int64
Mean Absolute Error (MAE): 4.290067320000105
Mean Squared Error (MSE): 18.404677610132886
R-Squared (R2): nan

Actual vs Predicted Air Quality (PM2.5)



Feature Importance

Feature Importance in Predicting Air Quality

