🌦️ Weather Forecasting App

📊 Sample Data

	date	temp_c	pressure	light_lux	↑ wind_speed	rain_rate	humidity	cloud_info	month
4	2024-01-08	26.2509	1001.9369	6690.5426	0	0	49.7978	0	1
3	2024-01-07	27.2356	998.8201	13279.9926	0.0018	0	56.5399	2	1
2	2024-01-06	26.4437	996.2987	12428.1429	0.0026	0	55.5338	2	1
0	2024-01-04	27.1383	1001.8812	7796.8088	0.0479	0.688	49.2475	0	1
1	2024-01-05	29.3336	993.7999	13249.9482	0.0931	0.8041	47.1454	2	1

📉 Model Evaluation

Mean Squared Error (MSE): 0.0078

⛅ Make a Prediction

Enter value for temp_c

27.93   —   +

Enter value for pressure

1000.09   —   +

Enter value for light_lux

9659.59

Enter value for rain_rate

0.49

Enter value for humidity

54.36

Enter value for wind_speed

0.03

Enter value for cloud_info

0.92

Enter value for month

6.48

Enter value for dayofweek

2.96

Enter value for temp_c_lag1

27.92

Enter value for pressure_lag1

1000.13   —   +

Enter value for light_lux_lag1

9655.79   —   +

Enter value for rain_rate_lag1

0.49   —   +

Enter value for humidity_lag1

54.39   —   +

Enter value for wind_speed_lag1

0.03   —   +

Enter value for target_cloud

0.92   —   +

Predict

🌡️ Predicted Weather for Tomorrow: ☁️ Cloudy