Temporal features

Feature	Definition / Formula
hour_sin	sin(2π · hour_local / 24)
hour_cos	cos(2π · hour_local / 24)
day_sin	sin(2π · day_of_year / 365)
day_cos	cos(2π · day_of_year / 365)
month_sin	sin(2π · month / 12)
month_cos	cos(2π · month / 12)
is_daylight	1 if sun above horizon
is_spring	1 if month ∈ {3,4,5}, else 0
is_summer	1 if month ∈ {6,7,8}, else 0
is_autumn	1 if month ∈ {9,10,11}, else 0
is_winter	1 if month ∈ {12,1,2}, else 0
time_since_sunrise_hours	Hours since sunrise at local time
time_since_sunset_hours	Hours since sunset at local time