Edge-Based Smart Irrigation System For Precision Agriculture

Dataset Description

- **Total Samples**: 12,784

- **Features**:

    - YEAR, MO (Month), DY (Day): Temporal features

    - T2M_MIN, T2M_MAX: Minimum and maximum daily temperatures (°C)

    - RH2M: Relative humidity at 2 meters (%)

    - WS2M: Wind speed at 2 meters (m/s)

    - ALLSKY_SFC_SW_DWN: Solar radiation on the surface (MJ/m^2/day)

- **Label**

    - ET0: Reference evapotranspiration (mm/day), used for irrigation need estimation