**Data Set Details**

**Source:**

Weather Data Set.csv

**Link:**

<https://www.kaggle.com/datasets/sandhyapalaniappan/rainfall-prediction-dataset-cleaned-weatheraus>

**Time Period:**

Historical weather data with daily recordings

**Features Include:**

* Location (categorical)
* Date (temporal)
* Temperature metrics (MinTemp, MaxTemp, TempDiff)
* Humidity metrics (Humidity9am, Humidity3pm, HumidityAvg)
* Wind metrics (WindGustDir, WindDir9am, WindDir3pm, WindSpeed9am, WindSpeed3pm)
* Pressure metrics (Pressure9am, Pressure3pm, PressureAvg)
* Rainfall measurements
* And other meteorological indicators

**Target Variable:**

Rain Tomorrow (Binary: Yes/No)

**Dataset Characteristics:**

* Original size: [Number of rows] × [Number of columns]
* After preprocessing: [Number of rows] × [Number of columns]
* Class distribution: Approximately [Percentage]% No vs [Percentage]% Yes (before balancing)