The weather dataset is a data frame containing one year of daily observations from a single weather station (Canberra). The weatherAUS dataset is a data frame containing over 35,000 daily observations from over 45 Australian weather stations.

Date

The date of observation (a Date object).

Location

The common name of the location of the weather station.

MinTemp

The minimum temperature in degrees celcius.

MaxTemp

The maximum temperature in degrees celcius.

Rainfall

The amount of rainfall recorded for the day in mm.

Evaporation

The so-called Class A pan evaporation (mm) in the 24 hours to 9am.

Sunshine

The number of hours of bright sunshine in the day.

WindGustDir

The direction of the strongest wind gust in the 24 hours to midnight.

WindGustSpeed

The speed (km/h) of the strongest wind gust in the 24 hours to midnight.

Temp9am

Temperature (degrees C) at 9am.

RelHumid9am

Relative humidity (percent) at 9am.

Cloud9am

Fraction du ciel obscurci par les nuages à 9h. Ceci est measruré en "octas », qui sont une unité de huitièmes. Il enregistre le nombre de huitièmes du ciel qui sont obscurcis par les nuages. Une mesure 0 indique ciel complètement dégagé tout un 8 indique qu'il est copmletely couvert.

WindSpeed9am

Wind speed (km/hr) averaged over 10 minutes prior to 9am.

Pressure9am

Atmospheric pressure (hpa) reduced to mean sea level at 9am.

Temp3pm

Temperature (degrees C) at 3pm.

RelHumid3pm

Relative humidity (percent) at 3pm.

Cloud3pm

Fraction du ciel obscurci par les nuages à 3 ( voir Cload9am)

WindSpeed3pm

Wind speed (km/hr) averaged over 10 minutes prior to 3pm.

Pressure3pm

Atmospheric pressure (hpa) reduced to mean sea level at 3pm.

ChangeTemp

Change in temperature.

ChangeTempDir

Direction of change in temperature.

ChangeTempMag

Magnitude of change in temperature.

ChangeWindDirect

Direction of wind change.

MaxWindPeriod

Period of maximum wind.

RainToday

Integer: 1 if precipitation (mm) in the 24 hours to 9am exceeds 1mm, otherwise 0.

TempRange

Difference between minimum and maximum temperatures (degrees C) in the 24 hours to 9am.

PressureChange

Change in pressure.

RISK\_MM

The amount of rain. A kind of measure of the "risk".

RainTomorrow

The target variable. Did it rain tomorrow?