

Dataset: weather.sas7bdat

4657 independent records of 24 weather-related variables are contained in the dataset.

Variable name	Variable	Data type
Location	Location in the country (North, East, South, West, NorthEast, NorthWest, SouthEast, SouthWest) where the measurement was taken	Categorical (8 levels)
MinTemp	Minimum temperature (°C) for the day	Assume continuous
MaxTemp	Maximum temperature (°C) for the day	Assume continuous
Rainfall	Amount of rainfall (mm) for the day	Assume continuous
Evaporation	Class A pan evaporation (mm) for the day	Assume continuous
Sunshine	The number of hours of bright sunshine for the day	Assume continuous
NewEquipment	Whether the equipment used to take the measurement was bought during the same year (Yes, No)	Categorical (2 levels)
WindGustDir	Direction of the strongest wind gust for the day (N, E, S, W, NE, NW, SE, SW, NNE, NNW, SSE, SSW, ENE, ESE, WNW, WSW)	Categorical (16 levels)
WindGustSpeed	Speed (km/hr) of the strongest wind gust for the day	Assume continuous
WindDir9am	Direction of the wind at 9am (N, E, S, W, NE, NW, SE, SW, NNE, NNW, SSE, SSW, ENE, ESE, WNW, WSW)	Categorical (16 levels)
WindDir3pm	Direction of the wind at 3pm (N, E, S, W, NE, NW, SE, SW, NNE, NNW, SSE, SSW, ENE, ESE, WNW, WSW)	Categorical (16 levels)
WindSpeed9am	Wind speed (km/hr) at 9am	Assume continuous
WindSpeed3pm	Wind speed (km/hr) at 3pm	Assume continuous
Humidity9am	Humidity (%) at 9am	Assume continuous
Humidity3pm	Humidity (%) at 3pm	Assume continuous
Pressure9am	Atmospheric pressure (hpa) reduced to mean sea level at 9am	Assume continuous
Pressure3pm	Atmospheric pressure (hpa) reduced to mean sea level at 3pm	Assume continuous
Cloud9am	Amount of sky obscured by cloud at 9am (oktas: 0 is	Assume discrete

	completely clear, 8 is completely obscured)	
Cloud3pm	Amount of sky obscured by cloud at 3pm (oktas: 0 is completely clear, 8 is completely obscured)	Assume discrete
Temp9am	Temperature (°C) at 9am	Assume continuous
Temp3pm	Temperature (°C) at 3pm	Assume continuous
Status	Professional status of person taking the measurement (Staff, Student)	Categorical (2 levels)
RainToday	Whether it rained on the day the measurements were taken (Yes, No)	Categorical (2 levels)
RainTomorrow	Whether it rained the day after the measurements were taken (Yes, No)	Categorical (2 levels)