**WEATHER Dataset**

The problem scenario for this dataset is to predict the weather based on 9 features:

* temperature – the temperature in degrees Celsius
* humidity – the humidity percentage (0-100%)
* wind\_speed – the wind speed in kilometers per hour
* precipitation – precipitation percentage (0-100%)
* cloud\_cover – cloud cover description (categorical)
* atmospheric\_pressure – the atmospheric pressure in hPa
* season – the season during which the data was recorded
* visibility – the visibility in kilometers
* location – the type of location where the data was recorded

This is a multi-class problem, where the ‘weather’ can be one of 4 options:

* Cloudy
* Rainy
* Snowy
* Sunny

This is a modified version of a dataset available online. You must use this version of the dataset, which has been modified in specific ways for the purposes of this assessment.