**Metadata – original dataset**

* **Digital Object Identifier (DOI) Number**: The data was not published
* **Title / DOI Related Article**: Evidence of weather conditions for different cities for the year 2016 - 2017
* **link:** <https://vincentarelbundock.github.io/Rdatasets/doc/mosaicData/Weather.html>
* **Creator**: The creator was not available
* **Publisher:** Not published yet
* **Date Published:** not given **| Date Downloaded in computer**: 17th Mar 2019
* **Source:** Dataset <<https://vincentarelbundock.github.io/Rdatasets/datasets.html?fbclid=IwAR1a_0LfN4gf5mQjCyOacu3ucqQ1jZvlu7Tz1pd5atiLtslBQhc9QSCKyFE>

* **Type**: Metadata (.doc or .pdf), Dataset (.Xlsx, .CSV)
* **Language:** English
* **Dimension of the actual dataset:** 3655 (Observations) & 25 (Variables)
* **List of Textual Variables:** City – Total 1
* **List of Continuous variables:** Total 18
* **List of categorical variables:** Target (Y) Events – Total 1
* **List of Time series variables:** Year, Month, Day – Total 3
* **Target:** Variable Name – Events => Rainy/Fog/Thunderstorms/Snow/sunny/normal – 6 levels

**Metadata after preprocessing**

* **Digital Object Identifier (DOI) Number**: The data was not published
* **Title / DOI Related Article**: Evidence of weather conditions for different cities for the year 2016 - 2017
* **link:** <https://vincentarelbundock.github.io/Rdatasets/doc/mosaicData/Weather.html>
* **Creator**: The creator was not available
* **Publisher:** Not published yet
* **Date Published:** not given**| Date Downloaded in computer**: 28th Mar 2019
* **Source:** Dataset <<https://vincentarelbundock.github.io/Rdatasets/datasets.html?fbclid=IwAR1a_0LfN4gf5mQjCyOacu3ucqQ1jZvlu7Tz1pd5atiLtslBQhc9QSCKyFE>

* **Type**: Metadata (.doc or .pdf), Dataset (.Xlsx, .CSV)
* **Language:** English
* **Dimension of the actual dataset:** 3655 (Observations) & 23 (Variables)
* **List of removed variables:** SNO, date , low wind (because of more NA’s)
* **List of Textual Variables:** City – Total 1
* **List of Continuous variables:** Total 18
* **List of categorical variables:** Target (Y) Events – Total 1
* **List of Time series variables:** Year, Month, Day – Total 3
* **Target:** Variable Name – Events => Binary (0 – Rainy/Fog/Thunderstorms/Snow, 1 – Normal/Sunny days)