

Ahsanullah University of Science and Technology



Department of Computer Science and Engineering

Program: Bachelor of Science in Computer Science and Engineering

Course No. : CSE4108

Course Title : Artificial Intelligence Lab

Title : Documentation of the dataset

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Section : B2

Overview of the dataset:

Name of the dataset	healthcare-dataset-stroke-data
File format of the dataset	.CSV
Dimension	367 x 9
Number of columns	9
Number of rows	367
Number of feature columns	8
Name of features	minTemp, maxTemp, Rainfall, Evaporation, Sunshine, WindSpeed, Humidity, RainToday
Number of target columns	01

Description of the features:

Name : MinTemp
Data type : Float
Range : (-5) - 20
Description : Details about the minimum temperature in degree Celsius.

Name : MaxTemp
Data type : Float
Range : 5 - 40
Description : Details about the maximum temperature in degree Celsius.

Name : Rainfall
Data type : Float
Range : 0 - 40
Description : About the amount of rainfall recorded for the day in mm.

Name : Evaporation
Data type : Float
Range : 0-15
Description : The so called class-A pan evaporation (mm) in the 24 hours.

Name : Sunshine
Data type : Float
Range : 0 – 15

Description : The number of hours of bright sunshine in the day.

Name : WindSpeed

Data type : Integer

Range : 0 - 45

Description : The speed (km per hour) of the strongest wind gust in the 24 hours.

Name : Humidity

Data type : Integer

Range : 0 - 100

Description : Percentage of measure of the amount of water vapor in the air in last 24 hours.

Name : RainToday

Data type : Binary

Range : 0,1

Description : Result of rainfall of the day.

- 0 - No rain
- 1 – Rain

References:

1. <http://www.bom.gov.au/climate/data>
2. <http://www.bom.gov.au/climate/dwo/>
3. <https://www.kaggle.com/zaraavagyan/weathercsv>