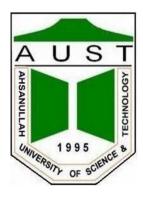
# **Ahsanullah University of Science and Technology**



# 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

Submitted to :

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#### **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.

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 rain1 - Rain

### **References:**

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