Ahsanullah University of Science and Technology
Department of Computer Science and Engineering

CSE4108: Artificial Intelligence Lab

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Documentation of the dataset

Lab Section: A2

<u>Submitted To</u>

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A brief description of the dataset:

At a Glance Overview

Name of the Dataset	Train Ticket Price Prediction
File Format of the Dataset	.csv
Dimension of the Dataset	600*7
Number of Total Columns	7
Number of Total Rows	600
Number of Feature Column	6
Name of Feature Columns	insert_date, source, destination, departure, arrival, train_class
Number of Target Column(s)	1
Name of Target Columns	fare(Taka)

Description:

The dataset has 7 columns and 600 rows. Of 7 columns, 6 columns are feature columns and they are insert_date, source, destination, departure, arrival, train_class . The 6th column is the target column which we are going to predict the value of and the name of that column is fare(Taka).

Below is a brief description of each columns:

Name of the Feature : insert_date

Description : The current date and time of our ordering tickets. Here, 3/1/22 10:30 AM is the insert_date.

Name of the Feature : source

Description : The location of our departure. Like we want to go from Dhaka to   Sylhet. Here Dhaka is the source location.

Name of the Feature : destination

Description : The location of our arrival.Suppose, we want to visit Khulna from Dhaka. Here, Khulna is the destination.

Name of the Feature : departure

Description : The current date and time of our train departure. Here, 3/4/22 1:30 PM is the departure.

Name of the Feature : arrival

Description : The current date and time of our train arrival. Here, 3/4/22 9:30 PM is the arrival.

Name of the Feature : train_class

Description : Different types of train classes. Here, AC_S is the train_class.

Data Source:

Data are collected from below source