



Ahsanullah University of Science and Technology (AUST)

Department of Computer Science and Engineering

***Bangladesh Cricket Match Result Analysis before and after
Covid-19 Period and Win Prediction***

Project Documentation

Course No.: CSE4108

Course Title: Artificial Intelligence Lab

Submitted To-

Mr. Md. Siam Ansary

Lecturer, Department of CSE, AUST.

Submitted By-

Ishmam Faruki : 180104026

Nipun Paul: 180104042

Mutakabbirul Islam: 180104044

Brief Description of the dataset:

Name	Bangladesh-national-cricket-team-win-by-margin-against-opponents
File format	.CSV
Dimension	617x8
No. of Columns	8
No. of Rows	617
No of feature columns	7
Name of features	Winner, Result, Margin, BR, Match, Ground, Start Date, Covid
Target	Win Prediction

Description of the features:

Winner : Name of the winning team (country name).

Result: Match result, it could be win, lose or tie.

Margin: It defines the winning difference, whether a team win by runs or wickets.

BR: Balls remaining while chasing totals or bowling out opponents (Balls Remaining).

Match: Declares the game format and participating team name (Match Type: Team One vs Team Two).

Ground: Name of the cricket ground of venue (Cricket ground name).

Start Date: Date of the matchday.

Covid: Defines if the matchday was pre covid or post covid days. Takes two parameters, yes for post covid and no for pre covid match days.

Citation:

1. <https://stats.espncricinfo.com/ci/engine/stats/index.html>

Distribution of the labels:

1. 25 - 30 % data was splitted for test data.
2. 70 - 75% of the data was used for training.