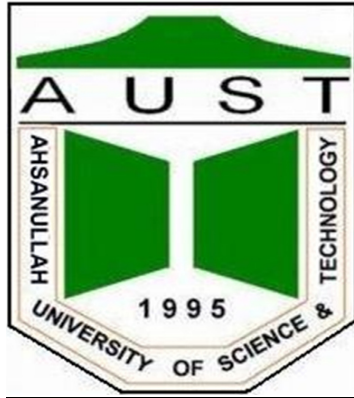


# **AHSANULLAH UNIVERSITY OF SCIENCE & TECHNOLOGY**



**Course No: CSE 4108**

**Course Name: Artificial Intelligence Lab**

**Section: B      Lab Group: B2**

**Semester: Fall 2020**

**Dataset Report of the Project: Valorant Game Result Prediction**

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## 1. Overview of the Dataset

Name of the Dataset	valorant_player_match_summery
File Format of the Dataset	.csv
Dimension of the Dataset	100 x 6
Number of Total Columns	6
Number of Total Rows	100
Number of Feature Columns	5
Name of Feature Columns	agent, map, kill, death, avg_score
Number of Target column	1
Name of target Column	result

## 2. Description of the feature(s) and Target(s) in the Dataset

**Name of the Feature:** agent

**Unit:** Integer

**Range:** 1 – 12

**Description:** In the game (Valorant) there are 12 different characters a player could choose to play a match. Different characters plays a different role in the game. The characters are categorized in number. Here is the list.

Number	Character's Name
1	Brimstone
2	Rayna
3	Killjoy
4	Omen
5	Viper
6	Yoru
7	Sage
8	Jett
9	Raze
10	Phonex
11	Skye
12	Cypher

**Name of the Feature:** map

**Unit:** Integer

**Range:** 1 – 6

**Description:** There are 6 maps in this game. The maps are also categorized in number.

Number	Map's Name
1	Ascent
2	Bind
3	Haven
4	Icebox
5	Spillit
6	Breeze

**Name of the Feature:** kill

**Unit:** Integer

**Range:** 2 – 37

**Description:** This feature represents the number of kills the player gets in a match.

**Name of the Feature:** death

**Unit:** Integer

**Range:** 3 – 28

**Description:** This feature represents the number of deaths the player have in a match.

**Name of the Feature:** avg\_score

**Unit:** Integer

**Range:** 76 - 422

**Description:** This feature represents the Average Combat Score. That means, the money spend in a match vs. the total kill count.

**Name of the Target:** result

**Unit:** Integer

**Range:** 0 - 1

**Description:** If the target value is '1', that means the player wins that match. And if the target value is '0', that means the player loses that round.

### 3. **Data Sources**

All the data are collected from three player's profile. The source is given below.

1. <https://tracker.gg/valorant/profile/riot/lquqpgqr%23abir/overview>
2. <https://tracker.gg/valorant/profile/riot/TheBackupGuy%231111/overview>  
[w](#)
3. <https://tracker.gg/valorant/profile/riot/shabnur%230000/overview>