**American International University-Bangladesh**

Description: A picture containing text

Description automatically generated

**DATA WAREHOUSING AND DATA MINING**

*Mid Project*

**Submitted by:**

|  |  |
| --- | --- |
| NAME | ID |
| Fabiha Tasnim | 20-43426-1 |
| Md. Mushfiqur Rahman Zidan | 19-39869-1 |
| Rokuzzaman Fahim | 20-43149-1 |
| Md. Naim Uddin Jovy | 19-41705-3 |

**Submitted to:**

**Akinul Islam Jony**

**Diabetes Dataset**

**Project Description;**

Kaggle Link: <https://www.kaggle.com/datasets/iammustafatz/diabetes-prediction-dataset>

The Diabetes Prediction Dataset include patient medical and demographic information as well as the patient's diabetes status (positive or negative). Features including age, gender, body mass index (BMI), cardiac disease, and hypertension are included in the data such as blood, glucose level, smoking history, and HbA1c level. You may use this dataset to construct diabetes in individuals using machine learning algorithms based on their medical history and data about demographics. Healthcare workers may find this helpful in determining whether patients are potentially at risk for diabetes and in creating customized regimens of care. Furthermore, scholars might utilize the dataset to investigate the connections between different medical and demographic characteristics and the probability of diabetes development.

**Attributes:** 9

**Instances:** 100000

**Target Attribute**: Diabetes

1. Import Dataset: