**North East University Bangladesh**

Department of Computer Science and Engineering

Course Title: Machine Learning Lab

Course Code: CSE-456

Project Title:T-shirt size prediction

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**Introduction:**

Now a days ,Online clothing business is very popular and you would like to develop a new app (like T-shirt prediction) feature in which customers would enter their own height and weight and the system would predict what T-shirt size should they wear.

**Project Deccription:**

In this project,we will develop a prediction system.that can help people to find out their own cloth size.initially,some traning data are required for it’s learning the algorithm.then,a test data is needed for the result prediction.after complete the predicting it will give a satisfactory result.and I think that result can help people.

**Data Formet:**

|  |  |  |
| --- | --- | --- |
| Height(inch) | Weight(kg) | Result |
| 154 | 78 | M |
| 173 | 56 | XL |
| 147 | 76 | M |
| 185 | 69 | XL |
| 156 | 63 | L |
| 167 | 80 | L |
| 159 | 75 | M |

**Algorithm:**

1. K-nearest neighbor(knn)
2. Logistic Regrassion