Date: 10th Feb 2024

**CSE 523: Machine Learning**

**Weekly Report 1**

**Project 7: Athlete Statistics Visualization and Prediction**

**Team: Byte Busters**

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For the first week, we as a team basically understood the problem statement and did the literature survey.

* **Problem Statement:** We understood that we had to predict a performance score on the basis of the 40 dimensions given to us and then reduce those to main 5 dimensions and again predict a score and make sure that those two scores are similar and make an interactive dashboard at the end that compares these two scores.
* **Literature review:** We went through the two papers provided to us which were written by Prof. Raval, and paid attention and tried to understand the parts that were relevant to us.

For the next week our main goal would be to go through the materials that specifically targeted our methods and techniques and understand them in depth and get the data and look through it.