Progress Report 1

Name: Akhilesh Pothuri

Internship Organization: University of North Carolina at Charlotte

Mentors: Prof. John Tobias

Dates of 2-Weeks Period Covered: 09/11/2023 – 09/24/2023

Current Tasks:

<u>**Task 1:**</u> Data Collection and Quality Evaluation

Data is being extracted from an online sports database of the university. Data will be cleaned, explored and validated for further analysis.

<u>**Status:**</u> In Progress

Outcomes:

- Improve Player Performance: By analyzing player gameplay, the project should help identify areas where individual players can enhance their skills and contribute more effectively to the team.

Risk to project:

- Lack of availability of required data
- Data available in database not matching with the live tracking data collected during the matches.

Strategy:

1. Explore all possible ways to get maximum number of data points to help the analysis.
2. Data correction based on footages available and live tracking information.

Week-Plan:

➢ Task 1.2 Explore Dataset and Validation
➢ Task 2. Build models for analysis