**5. Evaluation – Group’s Experience at 7COM1079**

**5.1 What Went Well**

**Team Contribution and Division of Responsibilities:**

The report was prepared with the contributions of all five members, ensuring a comprehensive and balanced outcome. Each member provided unique skills and expertise to elevate the quality of the report.

**Coordination:** Effective communication and smooth teamwork were achieved through regular meetings and a collaborative project plan. A shared GitHub repository supported seamless collaboration and version control.

**Learning Opportunity**: Team members gained practical experience with statistical methods, data visualization, and collaborative research, valuable skills for future projects.

**5.2 Points for Improvement**

**Presentation rehearsal:**

While the presentation was clear, a group practice beforehand might have improved timing and flow, ensuring a more professional delivery.

**Diverse analytical methods:**

Incorporating additional statistical methods alongside correlation analysis could have gained deeper insights into the dataset.

**Earlier collaboration on report writing:**

Although all members contributed to the report, had the process started earlier, there would have been more time for feedback and revisions sooner.

**5.3 Group’s Time Management**

Weeks 1-3 focused on selecting the dataset, and finalizing the file "DS051 and FIFA 2018 Statistics.csv." In Week 4, a GitHub repository was created, and initial scripts were shared. Weeks 5-7 involved defining variables, presenting the research question, and visualizing the data. Weeks 8-9 refined the analyses based on feedback. Weeks 10-14 concentrated on report writing, final edits, and quality control assurance.

**5.4 Project’s Overall Judgement**

The project effectively answered the research question using suitable statistical methods and visualizations. The research project offered useful opportunities to learn how to handle real-world datasets, test hypotheses, and interpret results, even if it couldn't find a correlation between ball possession and the number of goals scored.

**5.5 Comment on the GitHub log output**

1. Spearman Test Implementation: This is applied to analyze the relationship between goals scored and ball possession.
2. Update temp.R: Here upload and update the code for the histogram and the view of the histogram. we can see the dispersion of data and check whether the data is normal or not
3. Preparation for final report writing: The initial stage in preparing for the final report compilation by consolidating key sections. It serves as the foundation for the project's official documentation by ensuring that all essential sections are organized and ready for integration.