

## Reflective Summary CompareATrend

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The CompareATrend project has been a challenging but rewarding experience for me. As the creator of this user-friendly application, I have gained valuable insights into the importance of data analysis in predicting sports outcomes, the limitations of traditional methods for predicting sports outcomes, and the use of machine learning algorithms in sports analysis and prediction. This project has helped me to hone my coding skills with pandas, data frames, and machine-learning model concepts.

As a college student, this project has challenged me to use real-world information to create an application that provides insight to users. It has also helped me to develop my critical thinking and creativity skills, as I had to find ways to solve complex problems related to predicting NFL game outcomes.

Initially, the concept of CompareATrend was an idea I had to help Fantasy Football players and users create more insight into who they should start on their teams each week. However, as I worked on the project, I realized that it could be used by anyone seeking reliable insights into professional sports outcomes.

Overall, the CompareATrend project has been a valuable learning experience for me, both in terms of the technical skills I have developed. It has helped me expand my knowledge in terms of the computer science learning goals of problem-solving and to understand the concepts and techniques of object-oriented software design as well as the broader college-wide learning goals of critical thinking and creativity that I have enhanced.