Reflective Summary KNN
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The KNN model provided in this project has been an intriguing addition to my knowledge of machine learning algorithms. I have gained a better understanding of how the KNN algorithm works, how it is implemented, and the importance of data preprocessing in achieving accurate results. As I worked on this project, I realized just how complicated the process of manually creating algorithms for a model can be. After creating an implementation of a linear and logistical regression model for my senior project I now understand the data side of this project much better.

The KNN model has helped me develop my coding skills and learn how to work with large datasets. It has also taught me the importance of feature engineering, and how different features can affect the accuracy of the model. Additionally, I have learned about the significance of hyperparameters in the KNN model and how they affect the performance of the model. This project has challenged me to apply my technical knowledge to real-world problems, analyze data, and develop accurate predictions. It has helped me improve my critical thinking and problem-solving skills. Working with the KNN model also relates to global responsibility by evaluating solutions for challenges affecting local, regional, and global communities. It can be used to analyze data related to social and financial issues and develop solutions to address them.

In summary, working on this project has provided me with a valuable learning experience, and I am grateful for the opportunity to work with the KNN model. It has helped me grow as a computer scientist and has taught me the importance of data analysis and machine learning algorithms in solving real-world problems.