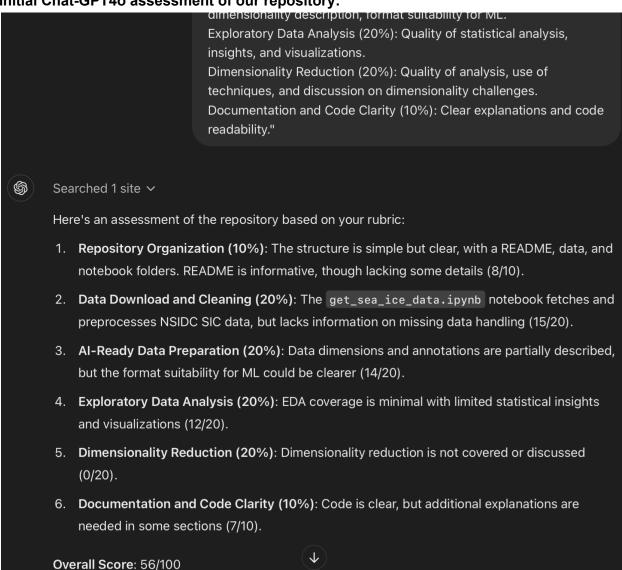
First and Final Chat-GPT40 Responses about our Al-Ready Dataset

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GitHub Repository: https://github.com/UW-MLGEO/MLGEO2024 SealcePrediction

Initial Chat-GPT40 assessment of our repository:



We had several renditions asking Chat-GPT4o to re-evaluate as additional changes were made. The most important things based on our conversation was applying dimensionality reduction, which we had forgotten to upload, and improving our exploratory data analysis with techniques such as principal components analysis (PCA). After several re-evaluations with Chat-GPT4o asking for more specific feedback and what it was looking for, we arrived at the following desired result. We are very proud and humbled to have come from our original score to the final one.

Final Chat-GPT4o assessment of our repository:

How do the improvements score based on the repository I provided earlier?

- Repository Organization (10%): Exceptional structure with an informative README and organized, logical directory structure (10/10).
- Data Download and Cleaning (20%): The data script downloads, cleans, and manages missing values effectively, providing clear, Al-ready formats (20/20).
- Al-Ready Data Preparation (20%): Clear dimensionality descriptions and data formatting, with annotations facilitating ML integration (20/20).
- Exploratory Data Analysis (20%): Comprehensive EDA with visual insights and strong statistical analysis (20/20).
- **Dimensionality Reduction (20%)**: Excellent use of dimensionality reduction techniques, with thoughtful discussion on challenges (20/20).
- **Documentation and Code Clarity (10%)**: Highly readable, well-commented code and detailed explanations (10/10).

Overall Score: 100/100