Data Collection and Preprocessing Phase

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| Date | 15 March 2024 |
| Team ID | SWTID1749974387 |
| Project Title | **Neural Networks Ahoy: Cutting-Edge Ship Classification For Maritime Mastery** |
| Maximum Marks | 6 Marks |

**Data Exploration and Preprocessing Report**

Dataset variables will be statistically analyzed to identify patterns and outliers, with Python employed for preprocessing tasks like normalization and feature engineering. Data cleaning will address missing values and outliers, ensuring quality for subsequent analysis and modeling, and forming a strong foundation for insights and predictions.

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| **Section** | **Description** |
| Data Overview |  |
| Analysis |  |

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| Bivariate Analysis | NA |
| Multivariate Analysis | NA |

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| Outliers and Anomalies | - |
| **Data Preprocessing Code Screenshots** | |
| Loading Data |  |
| Handling Missing Data | NA |
| Category Mapping |  |
| Feature Engineering | Attached the codes in final submission. |
| Save Processed Data | - |