**Data Collection and Preprocessing Phase Report**

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| Date | 12 July 2024 |
| Team ID | Team - 740292 |
| Project Title | Abalone Age Prediction |
| Maximum Marks | 6 Marks |

**Data Exploration and Preprocessing Report (6 Marks):**

Dataset variables will be statistically analysed 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 modelling, and forming a strong foundation for insights and predictions.

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

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| Univariate Analysis  (Hist plot, Dis plot) |  |

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| Bivariate Analysis  (Line plot, Joint plot) |  |

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| Multivariate Analysis  (Heatmap, Pair plot) |  |

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| Outliers and Anomalies | - |
| **Data Preprocessing Code Sc** | **reenshots** |
| Loading Data |  |

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| Handling Missing Data |  |
| Data Transformation |  |
| Feature Engineering | Attached codes in final submission. |
| Save Processed Data | - |