INNOVATORS

CONTRIBUTIONS

Team Members

Shreya S Bhat
Bhavesh Mali
Aaditya Jadhav

Shreya S Bhat

1. Analyzed the data
2. Tried different methods to handle the missing values in the dataset.
3. Filled the missing values using IterativeImputer from scikit-learn library of python.
4. Implemented data splitting into training and testing sets using train_test_split function.
5. Learned and compared different machine learning models like Linear Regression, KNN Regressor, Random Forest Regressor, and one of the types of neural networks (FNNs).
6. Developed and implemented the Random Forest Regressor model to predict the sea surface temperatures.

Bhavesh Mali

1. Analyzed the data
2. Tried filling the missing values using median, mode and some other functions available in the library.
3. Tried plotting graphs between different parameters, to find any relation between them, using graphing tools like heatmap.
4. Used linear regression model in different ways, trying to get a better result every time.
5. Learned about the KNN Regressor model.

Aaditya Jadhav

1. Filled the NULL values using the median of respective columns.