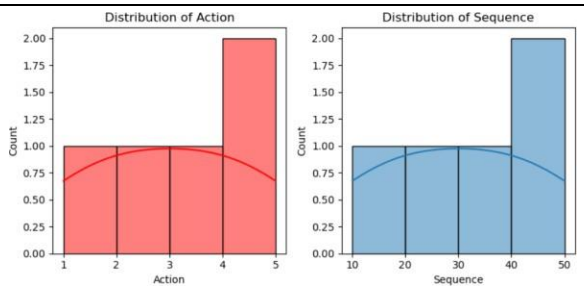
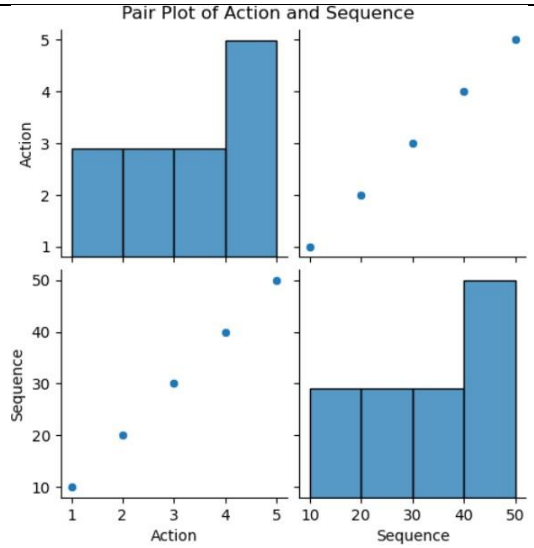
Data Collection And Preprocessing Phase

Date	06JULY2024
TeamID	739909
ProjectName	Unlocking Silent Signals: Decoding Body Language With Mediapipe
Maximum Marks	6 Marks

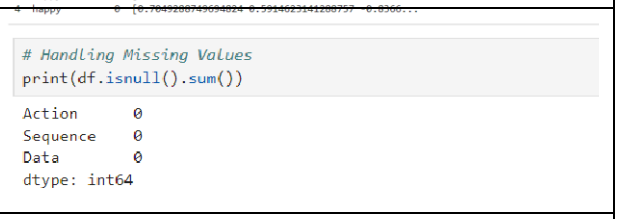
Data Exploration and Preprocessing Report:

Dataset variables will undergo statistical analysis to identify patterns and outliers. Python will be used for preprocessing tasks such as normalization and feature engineering. Data cleaning will address missing values and outliers to ensure data quality for subsequent analysis and modeling, forming a robust foundation for insights and predictions.

Section	Description
Data Overview	`df.describe()` **Sequence** **count** 3600.000000 **mean** 14.500000 **std** 8.656644 **min** 0.000000 **25%** 7.000000 **50%** 14.500000 **75%** 22.000000 **max** 29.000000

Univariate Analysis	
Bivariate Analysis	
Multivariate Analysis	
Outliers and Anomalies	-

DataPreprocessing Code Screenshots

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