**6. Implement program to apply moving average smoothing for data preparation and time series forecasting.**

**AIM:**

Implement program to apply moving average smoothing for data preparation and time series forecasting.

**PROCEDURE:**

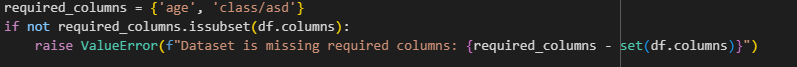
**1.**Import the necessary libraries:



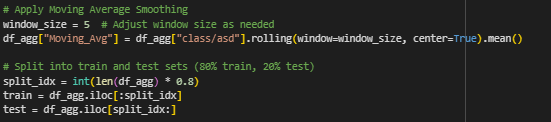
**2.** Load the dataset :

****

**3.**Ensure relevant columns exist.

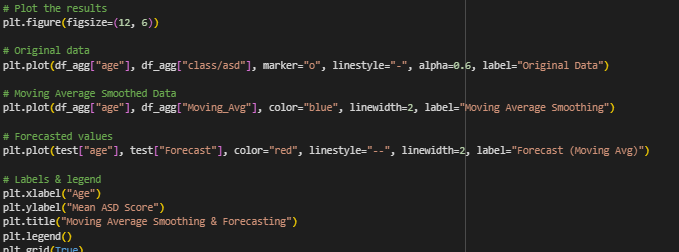
****

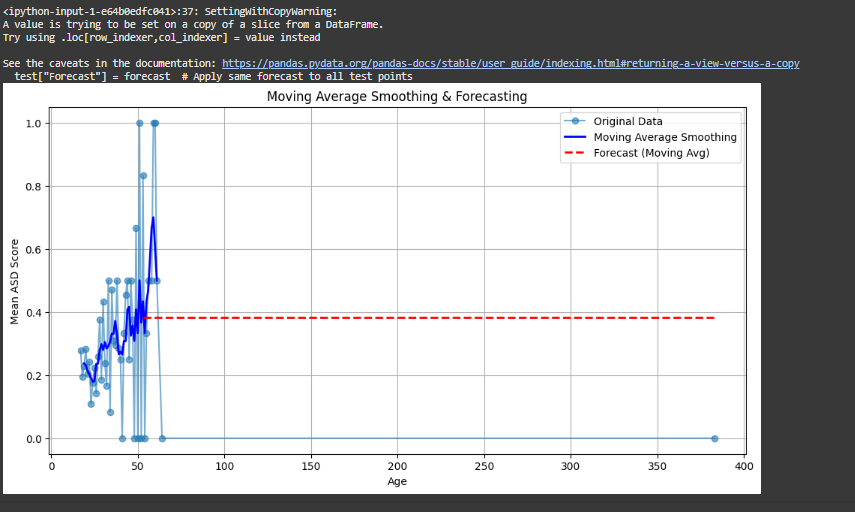
**4.** Apply Moving Average Smoothing AND Split into train and test sets (80% train, 20% test)

****

**5.** Forecast using Moving Average 

**6.**Plotting the result

**OUTPUT**

****

**RESULT:**

The program to implement to apply moving average smoothing on the autism screening dataset has been implemented successfully.