Data Processing Module

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# dataProcessing.py


def calculate_outcome(input_data):
    """
    Calculate the expected outcome (Criminal: Yes or No) based on the provided input data.

    Args:
        input_data (dict): A dictionary containing input data with keys for age, drug test, obedient,
                           emotion score, consistency score, gender, etc.

    Returns:
        str: 'Yes' if the input data suggests the person is a criminal, 'No' if not.
    """
    # Extract input data
    age = input_data['Age']
    drug_test = input_data['DrugTest']
    obedient = input_data['Obedient']
    emotion_score = input_data['EmotionScore']
    consistency_score = input_data['ConsistencyScore']
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    gender = input_data['Gender']


    # Implement the logic for predicting criminal based on your guidelines
    # You can use if statements, mathematical calculations, or machine learning models here


    # Sample logic (replace this with your actual prediction logic)
    if age >= 23 and age <= 40:
        if gender == 'Male':
            if drug_test == 'Y':
                if obedient == 'N':
                    if emotion_score < 50:
                        if consistency_score < 60:
                            return 'Yes'  # Predicted as a criminal
    return 'No'  # Predicted as not a criminal


# You may also want to define additional functions for calculating scores or other tasks as needed.


if __name__ == "__main__":
    # You can test your functions here or provide a testing script.
    # This block will only run if you execute this script directly.
    pass
```

- In this example, the calculate_outcome function takes input data as a dictionary and uses the provided guidelines to predict whether the person is a criminal. The logic for this prediction is a placeholder, and you should replace it with the actual logic based on your guidelines.

- Test this module separately or integrate it into your crime.py code when implementing the complete system. The module is designed to return 'Yes' or 'No' as the predicted outcome based on the input data.