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def calculate_target_pbs():
    # Connect to MongoDB
    client = pymongo.MongoClient("mongodb://localhost:27017/")
    database = client["HeartFailure"]
    collection = database["Patients"]

    # Retrieve all patients from the collection
    patients = list(collection.find())

    # Load the trained logistic regression model
    # model = LogisticRegression(C=0.01, max_iter=5000, random_state=0, solver='liblinear')

    # Iterate over each patient and calculate target and PBS
    for patient in patients:
        input_data = [
            int(patient['age']), int(patient['sex']), int(patient['cp']), int(patient['trestbps']), int(patient['chol']),
            int(patient['fbs']), int(patient['restecg']), int(patient['thalach']), int(patient['exang']),
            (patient['oldpeak']), int(patient['slope']), int(patient['ca']), int(patient['thal'])

        ]

        # Convert input data to a numpy array and reshape for prediction
        input_data_as_numpy_array = np.asarray(input_data, dtype=np.float64)
        input_data_reshaped = input_data_as_numpy_array.reshape(1, -1)

        # Perform prediction using the logistic regression model
        prediction = model.predict(input_data_reshaped)

        # Update the patient's target value
        patient["id"] = int(patient["id"]) # Convert the ObjectId to a string
        patient["target"] = int(prediction[0])

        # Calculate PBS as the probability of target class 1
        prediction_proba = model.predict_proba(input_data_reshaped)
        pbs = round(prediction_proba[0][1] * 100, 2)
        patient["PBS"] = pbs

        # Make a POST request to update the patient's data in the database
        url = "http://localhost:5000/update_patient_data" # Replace with your API endpoint URL
        headers = {"Content-Type": "application/json"}
        response = requests.post(url, json=patient, headers=headers)

        if response.status_code == 200:
            print(f"Patient {patient['_id']} data updated successfully.")
        else:
            print(f"Failed to update data for patient {patient['_id']}")

    schedule.every().day.at("23:00").do(calculate_target_pbs)

# Keep the script running and continuously check the schedule
while True:
    schedule.run_pending()
    time.sleep(1)

```