```
START

STEP 1: Import required libraries
    Import pandas
    Import train_test_split from sklearn.model_selection
    Import StandardScaler from sklearn.preprocessing
    Import LogisticRegression from sklearn.linear_model
    Import accuracy_score and classification_report from sklearn.metrics

STEP 2: Load dataset
    Read CSV file "dataset.csv" into dataframe df
    Display "Dataset loaded successfully"
    Display column names of df

STEP 3: Take target column input
    Ask user to enter target column name
    IF entered column name is NOT present in df columns
        Display "Invalid column name"
        EXIT program
    ELSE
        Display confirmation of selected target column

STEP 4: Separate features and target
    Set X = all columns except target column
    Set y = target column

STEP 5: Split dataset into training and testing sets
    Split X and y into:
        X_train, X_test, y_train, y_test
    Use 80% data for training and 20% for testing

STEP 6: Scale features
    Create StandardScaler object
    Fit scaler on X_train and transform X_train → X_train_scaled
    Transform X_test using same scaler → X_test_scaled

STEP 7: Train Logistic Regression model
    Create LogisticRegression model with max_iter = 1000
    Train model using X_train_scaled and y_train

STEP 8: Make predictions
    Use trained model to predict y_pred from X_test_scaled

STEP 9: Evaluate model performance
    Calculate accuracy using y_test and y_pred
    Display accuracy
    Generate classification report
    Display classification report

END
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