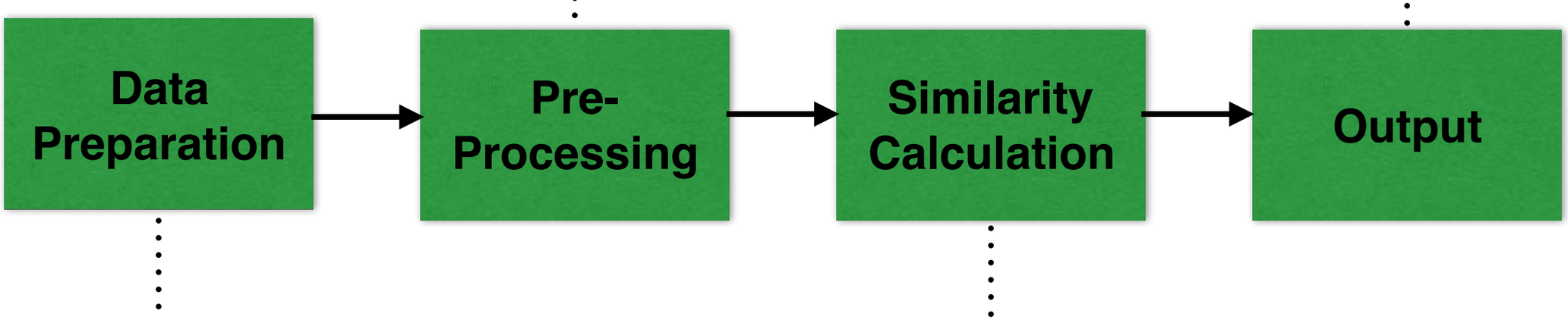
Simple Music Recommendation System

AM

Program's Flow:



- **Importing Dataset:**

Spotify dataset, 🎹 Spotify Tracks Dataset

- **Simple EDA**

- **Encoding**

Cross Tabulation for **Genre**

- **Scaling**

MinMax Scaler for **Numerical Features**

- **Content Based**

Similarity between contents

- **Similarity Measure**

Cosine Similarity

- **Building Function**

Building I/O Function

- **Test Recommendation**

Improvement Recommendation

Handling edge cases: The code can be enhanced to handle **potential errors, missing values** in the input data, etc.

Performance optimization: Exploring to **reduce the computational complexity** and **improve the recommendation speed**.

Hybrid approaches: Combining multiple recommendation techniques, such as collaborative filtering or hybrid methods.