Dancing Pythons: System Diagram

MAIN.py

↓ calls the following
user runs MAIN.py

① **music_to_mood.py**

↓ Spotify API
Mood colors dictionary
Music Analysis

② **mood_to_art.py**

↓ Recursion
avconv tool
image creation/manipulation

③ **edge-detection.py**

Opencv
Canny Edge Detection
Pixel manipulation
Moving background