**Materials Required:**

* Arduino board (e.g., Arduino Uno).
* Sound sensor module (e.g., KY-038 or similar).
* SD card module (e.g., MicroSD card module).
* MicroSD card (formatted as FAT16 or FAT32).
* Jumper wires.Breadboard (optional).

**Hardware Setup:**

* Connect the sound sensor to the Arduino as follows:
* Sound Sensor VCC to Arduino 5V.
* Sound Sensor GND to Arduino GND.
* Sound Sensor Analog Output to Arduino Analog Pin A0.

**Connect the SD card module to the Arduino as follows:**

* SD Card Module VCC to Arduino 5V.
* SD Card Module GND to Arduino GND.
* SD Card Module MISO to Arduino Digital Pin 12.
* SD Card Module MOSI to Arduino Digital Pin 11.
* SD Card Module SCK to Arduino Digital Pin 13.
* SD Card Module CS (Chip Select) to Arduino Digital Pin 4