

IoT Based Earthquake Predictor

console.firebase.google.com/project/iot-based-earthquake-predictor/database/iot-based-earthquake-predictor-default-rtdb/data

Realtime Database

Data Rules Backups Usage

Protect your Realtime Database resources from abuse, such as billing fraud or phishing. [Configure App Check](#)

<https://iot-based-earthquake-predictor-default-rtdb.asia-southeast1.firebaseio.com/>

iot-based-earthquake-predictor-default-rtdb

- a_x_data
 - 0
 - date: "2021-06-24"
 - reading: "1023.000000000"
 - time: "18:32"
 - 1
 - 2
 - 3
- a_y_data
 - 0
 - date: "2021-06-24"
 - reading: "1023.000000000"
 - time: "18:32"
 - 1
 - 2
 - 3
- a_z_data
 - 0
 - date: "2021-06-24"
 - reading: "1023.000000000"
 - time: "18:32"
 - 1
 - 2
 - 3

Database location: Singapore (asia-southeast1)

Activate Windows
Go to Settings to activate Windows.

30°C Rain showers 18:40
24.06.2021

```
athava_code_EQ | Arduino 1.8.15 (Windows Store 1.8.49.0)
File Edit Sketch Tools Help

athava_code_EQ
#define x A0
#define y A1
#define z A3
int xaxis;
int yaxis;
int zaxis;
// the setup routine runs once when you press reset:
void setup() {
  // Initialize serial communication at 9600 bits per seconds:
  Serial.begin(9600);
}

// the loop routine runs over and over again forever:
void loop() {
  xaxis = analogRead(x);
  yaxis = analogRead(y);
  zaxis = analogRead(z);
  float XAcc = (xaxis)*1;
  float YAcc = (yaxis)*1;
  float ZAcc = (zaxis)*1;

  Serial.print("X ACCELERATION = ");
  Serial.print(XAcc, DEC);
  Serial.print(",");
  Serial.print("Y ACCELERATION = ");
  Serial.print(YAcc, DEC);
  Serial.print(",");
  Serial.print("Z ACCELERATION = ");
  Serial.print(ZAcc, DEC);
  Serial.println();
  delay(1000);
}

Some comments:
"C:\Program Files\WindowsApps\ArduinoLLC.ArduinoIDE_1.8.49.0_x86_mdqgm93nfwtb\hardware\tools\avr\bin\avr-gcc" -w -Os -g -fno-fuse-linker-plugin -Wl,--gc-sections -mmcu=atmega328p -o "C:\Users\Athava\AppData\Local\Temp\la
"C:\Program Files\WindowsApps\ArduinoLLC.ArduinoIDE_1.8.49.0_x86_mdqgm93nfwtb\hardware\tools\avr\bin\avr-objcopy" -O ihex -j .espram --set-section-flags=.espram=alloc,load --no-change-warnings --change-section-lma .espram=0 "C:\Users\Athava\AppData\Local\Temp\la

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Type here to search
30°C Rain showers
18:39
24.06.2021
```



