

## Código de para la visualización de MATLABAnalysis y mensaje si sobre pasa de 35°C.

```
% Read the soil moisture channel data from the past two weeks.  
% Send an email and tell the user to add water if the value  
% is in the lowest 10 %.
```

```
% Store the channel ID for the moisture sensor channel.  
channelID = 2841591;
```

```
% Provide the ThingSpeak alerts API key. All alerts API keys start with TAK.  
alertApiKey = 'TAK0++7f+ejqnAyAvkQ';
```

```
% Set the address for the HTTP call  
alertUrl="https://api.thingspeak.com/alerts/send";
```

```
% webwrite uses weboptions to add required headers. Alerts needs a  
ThingSpeak-Alerts-API-Key header.  
options = weboptions("HeaderFields", ["ThingSpeak-Alerts-API-Key",  
alertApiKey ]);
```

```
% Set the email subject.  
alertSubject = sprintf("Alerta de enviado si > 35");
```

```
% Read the recent data.
```

```
% Check to make sure the data was read correctly from the channel.
```

```
alertBody = ' temperature';
```

```
% Catch errors so the MATLAB code does not disable a TimeControl if it fails  
try  
    webwrite(alertUrl , "body", alertBody, "subject", alertSubject, options);  
catch someException  
    fprintf("Failed to send alert: %s\n", someException.message);
```

end