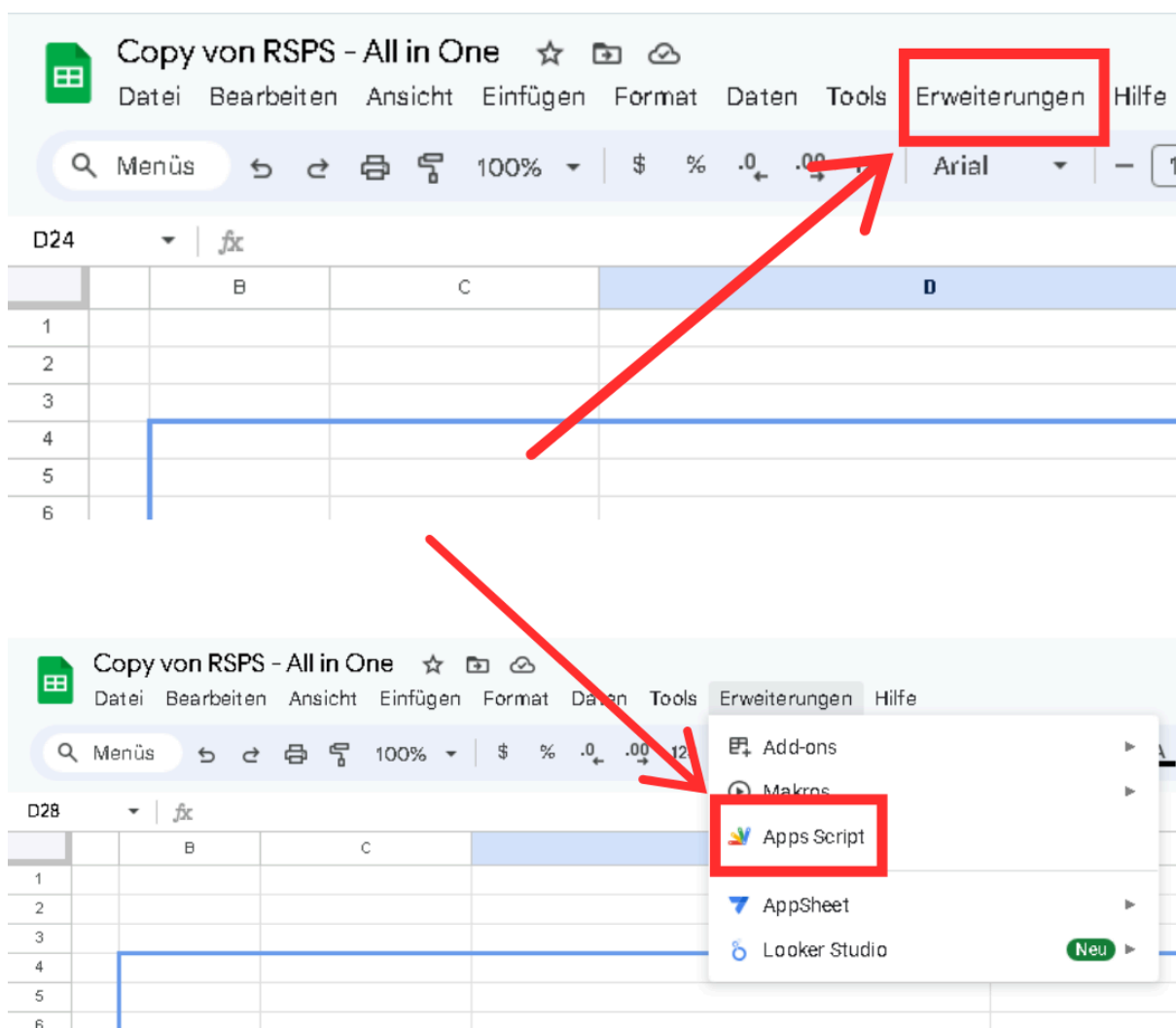


# Automating signals from TradingView to Google Sheets

*Automation Guide by raphaelxsteel*

## 1. Step:

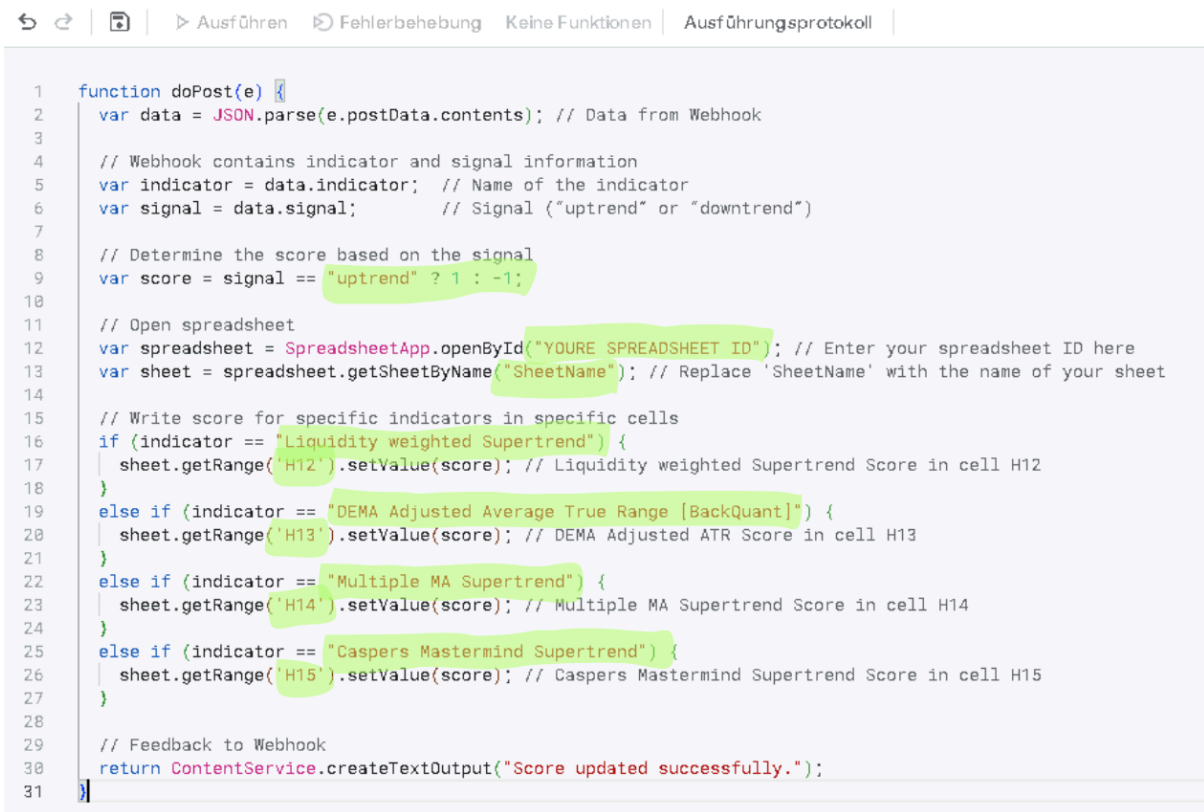
**Start:** Google Sheet: From there go to Extensions, then open “Apps Script”.



## 2. Step:

Copy the given code on the next page and personalize it for you. That means: Spreadsheet ID. SheetName. Customize cells (where you want your score updated automatically). Customize indicator names (from your sheet). You can also customize the score result. In this example it would be: -1/1.

**\*All necessary changes are marked in green (see picture).**



```
1 function doPost(e) {  
2   var data = JSON.parse(e.postData.contents); // Data from Webhook  
3  
4   // Webhook contains indicator and signal information  
5   var indicator = data.indicator; // Name of the indicator  
6   var signal = data.signal; // Signal ("uptrend" or "downtrend")  
7  
8   // Determine the score based on the signal  
9   var score = signal == "uptrend" ? 1 : -1;  
10  
11  // Open spreadsheet  
12  var spreadsheet = SpreadsheetApp.openById("YOU'RE SPREADSHEET ID"); // Enter your spreadsheet ID here  
13  var sheet = spreadsheet.getSheetByName("SheetName"); // Replace 'SheetName' with the name of your sheet  
14  
15  // Write score for specific indicators in specific cells  
16  if (indicator == "Liquidity weighted Supertrend") {  
17    sheet.getRange("H12").setValue(score); // Liquidity weighted Supertrend Score in cell H12  
18  }  
19  else if (indicator == "DEMA Adjusted Average True Range [BackQuant]") {  
20    sheet.getRange("H13").setValue(score); // DEMA Adjusted ATR Score in cell H13  
21  }  
22  else if (indicator == "Multiple MA Supertrend") {  
23    sheet.getRange("H14").setValue(score); // Multiple MA Supertrend Score in cell H14  
24  }  
25  else if (indicator == "Caspers Mastermind Supertrend") {  
26    sheet.getRange("H15").setValue(score); // Caspers Mastermind Supertrend Score in cell H15  
27  }  
28  
29  // Feedback to Webhook  
30  return ContentService.createTextOutput("Score updated successfully.");  
31 }
```

Finally, save the script at the top left.

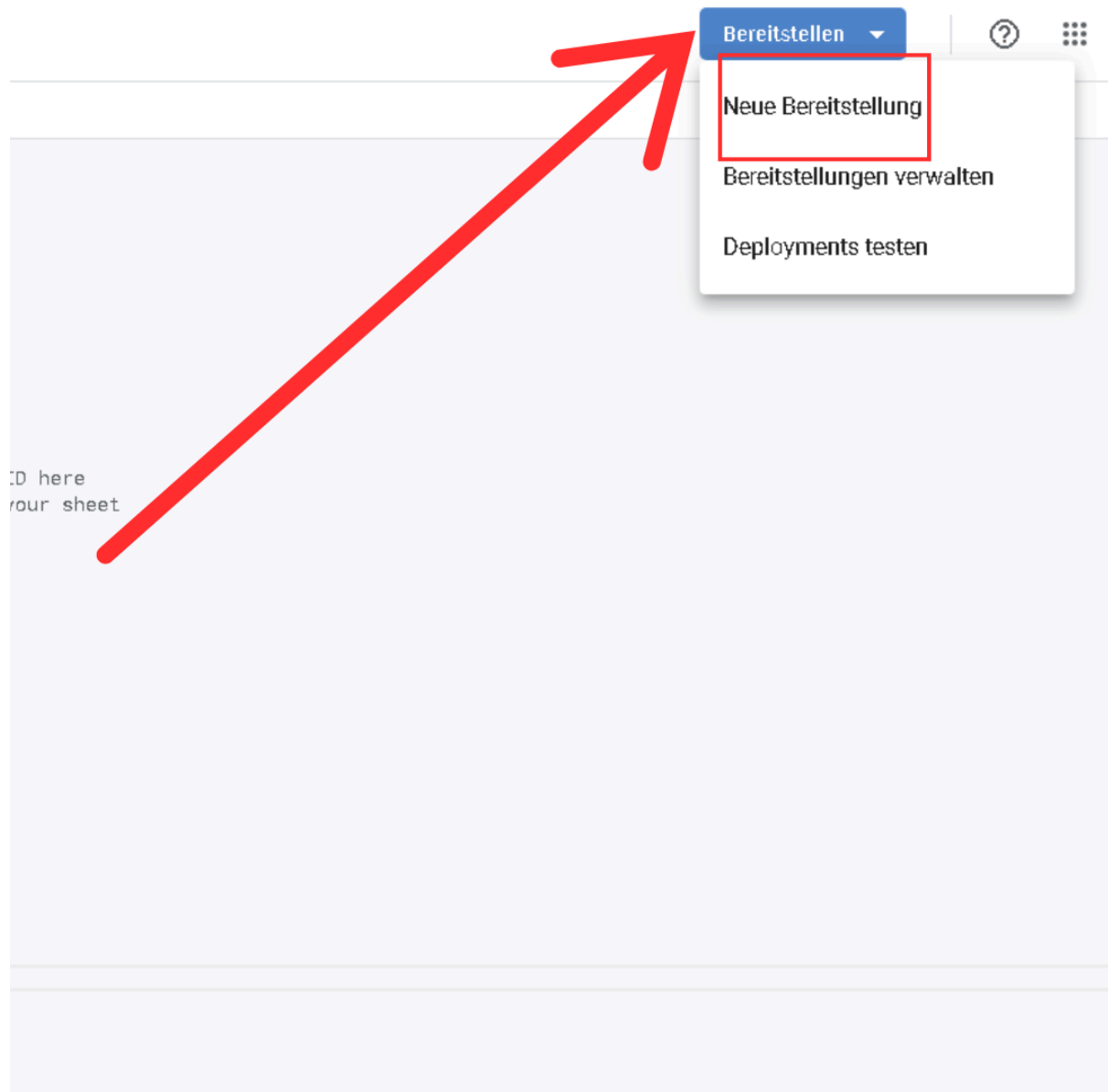
↓script to copy↓

### Script:

```
function doPost(e) {  
  var data = JSON.parse(e.postData.contents); // Data from Webhook  
  
  // Webhook contains indicator and signal information  
  var indicator = data.indicator; // Name of the indicator  
  var signal = data.signal; // Signal ("uptrend" or "downtrend")  
  
  // Determine the score based on the signal  
  var score = signal == "uptrend" ? 1 : -1;  
  
  // Open spreadsheet  
  var spreadsheet = SpreadsheetApp.openById("YOU'RE SPREADSHEET ID"); //  
  // Enter your spreadsheet ID here  
  var sheet = spreadsheet.getSheetByName("SheetName"); // Replace  
  // 'SheetName' with the name of your sheet  
  
  // Write score for specific indicators in specific cells  
  if (indicator == "Liquidity weighted Supertrend") {  
    sheet.getRange('H12').setValue(score); // Liquidity weighted Supertrend  
    // Score in cell H12  
  }  
  else if (indicator == "DEMA Adjusted Average True Range [BackQuant]") {  
    sheet.getRange('H13').setValue(score); // DEMA Adjusted ATR Score in  
    // cell H13  
  }  
  else if (indicator == "Multiple MA Supertrend") {  
    sheet.getRange('H14').setValue(score); // Multiple MA Supertrend Score  
    // in cell H14  
  }  
  else if (indicator == "Caspers Mastermind Supertrend") {  
    sheet.getRange('H15').setValue(score); // Caspers Mastermind Supertrend  
    // Score in cell H15  
  }  
  
  // Feedback to Webhook  
  return ContentService.createTextOutput("Score updated successfully.");  
}
```

### 3. Step



After saving, press “Deploy”. Then select “New deployment”.



#### 4. Step


Select “Web app” in the settings. You can then give the new deployment a name. You must also change the authorization to “Everyone” so that TradingView has access later. Finally, you have to click on “Deploy” (blue button).

**Neue Bereitstellung**

Typ auswählen  Konfiguration 


Web-App

- ✓ Web-App
- Ausführbare API
- Add-on
- Bibliothek

Ausführen als 

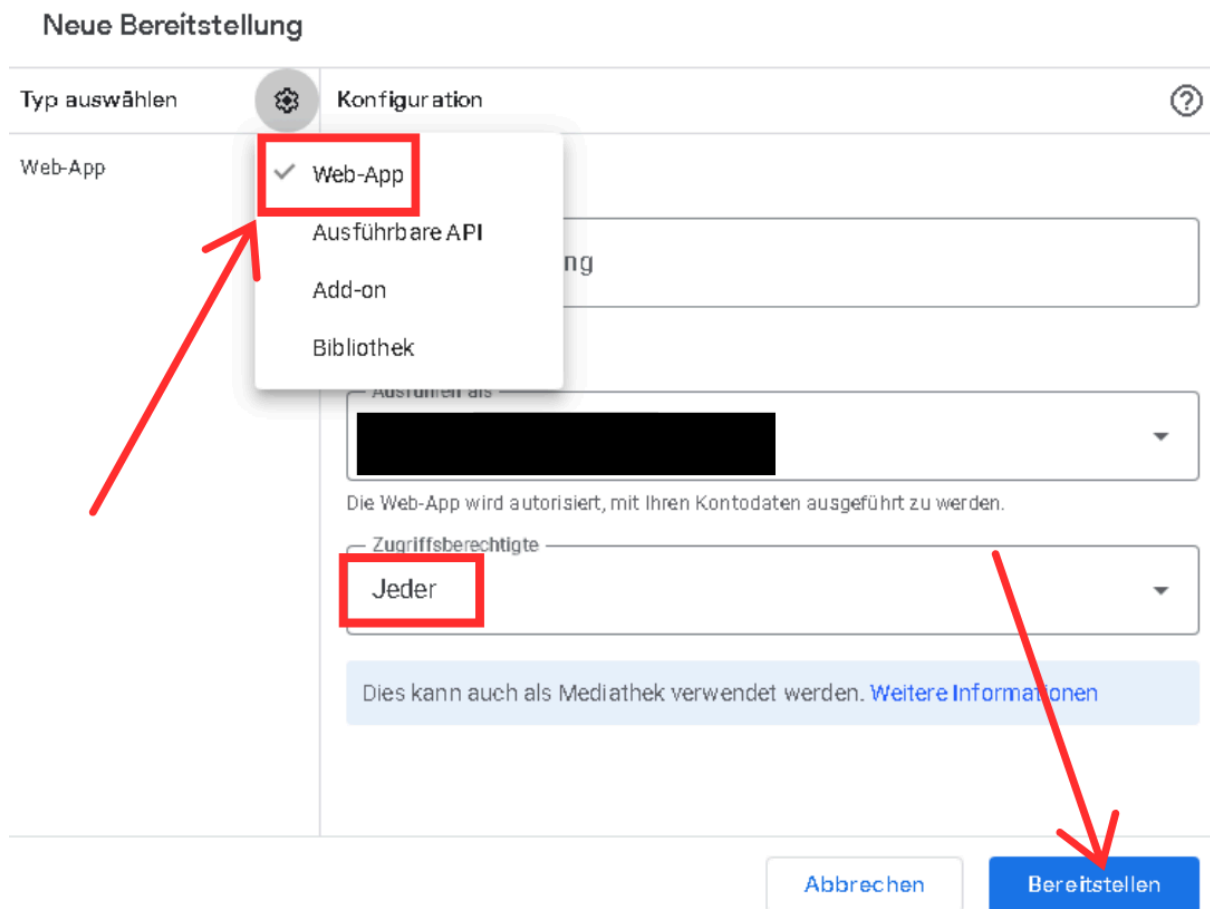
Die Web-App wird autorisiert, mit Ihren Kontodaten ausgeführt zu werden.

Zugriffsberechtigte

Jeder 

Dies kann auch als Mediathek verwendet werden. [Weitere Informationen](#)

[Abbrechen](#) [Bereitstellen](#)



## 5. Step

You must then grant Google Apps script access to your Google account in order for it to receive the signals from TradingView.



### Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer [REDACTED] verifies this app with Google, you shouldn't use it.

[Hide Advanced](#)

BACK TO SAFETY

Continue **only** if you understand the risks and trust the developer



[Go to TV-Alerts \(unsafe\)](#)



You will then be automatically redirected to a final page.

## 6. Step

Now you have to copy your webhook URL.

### Neue Bereitstellung

Bereitstellung wurde aktualisiert.

Version 1 am 26.09.2024, 20:50

Bereitstellungs-ID

[Redacted ID]

 Kopieren

### Web-App

URL

<https://script.google>

[Redacted URL]

 Kopieren



Fertig

You can then go to TradingView and open your chart with the indicators from which you want the automatic signals.

## 7. Step

Now create an alert for the desired indicator. First, add the webhook URL on the second page under “Notifications”.

Then select your desired alert functions. Important: You must insert a small script under “Messages” so that the signals are forwarded correctly via webhook to Google Apps scripts.

This must contain the correct chart and indicator (the indicator name must match the Google Apps script exactly!), which signal and finally the result/score it should achieve.

**Create Alert on SOLBTC, 1m**

**Settings** **Notifications 2**

Symbols: SOLBTC, 1

Condition: DEMAATR [BackQuant] · 1 (2, close, 7, 0...)

Trigger: Only Once, Once Per Bar, **Once Per Bar Close**, Once Per Minute

Expiration: October 26, 2024 at 21:02

Alert name: +1

Message: {  
"pair": "SOL/BTC",  
"indicator": "DEMA Adjusted Average True Range [BackQuant]",  
"signal": "uptrend",  
"score": 1  
}

You can use special placeholders such as {{close}}, {{time}}, {{plot\_0}}, etc.

**Notifications**

☐ Notify in app  
Provides a push notification in the mobile app.

☒ Show toast notification  
Displays an onsite notification in the page corner.

☐ Send email  
Provides an email notification to the address specified in your profile settings.

☒ Webhook URL  
Sends a POST request to your specified URL when your alert triggers.  
<https://example.com/alert-hook>

☒ Play sound  
Plays an audio cue when your alert triggers.  
Thin 10 seconds

☐ Send plain text  
Sends plain text to an alternative email.

Cancel Create

At the “question mark” (according to the red arrow) you can also see further inputs, which are provided by TradingView.



### ↓Example script↓

Example script (red=individual replacement):

```
{  
  "pair": "Chart",  
  "indicator": "IndicatorName",  
  "signal": "SignalOption",  
  "score": score/result  
}
```

### Final:

After that you have done everything and your system is automated with TradingView.

**It is important to note that you must not change the indicator settings,  
otherwise the signal will no longer work.**