Perfect! Let's walk through **each setup step** together. This guide will help you:

✅ Fill out your .env file  
✅ Set up GitHub secrets  
✅ Connect Google Sheets  
✅ Deploy to **Replit** or **Railway**  
✅ Run the bot live

**🧾 STEP 1: FILL OUT YOUR .env FILE**

**Open the .env.example file from the ZIP you downloaded and rename it to .env.**

Then replace each placeholder like this:

ini

CopyEdit

MASTODON\_ACCESS\_TOKEN= D5DLE0U8dbRzWQ-I8T4SxQiTOATt58ZopE0DXRQbMvU

MASTODON\_CLIENT\_KEY=6\_2imTn0FPcO09mCyf8hOvBSTtvomG\_JOM7Dn\_Wx8CA

MASTODON\_CLIENT\_SECRET=tAGrXMH4KwLfTM9QTkVkAU40cKa9bK08SdsjmDy1EOA

GOOGLE\_SHEET\_ID=YOUR\_SHEET\_ID\_HERE

GOOGLE\_API\_JSON={"type": "service\_account", ... your entire JSON string ... }

**🔑 STEP 2: GET YOUR TOKENS & API KEYS**

**🔷 Mastodon**

1. Go to your Mastodon account  
   e.g., https://mastodon.social/settings/applications
2. Click **“New Application”**
3. Set:
   * **App name**: SigmundBOT
   * **Scopes**: read, write, follow, push
4. Click Create, and **copy:**
   * Client key → paste in .env as MASTODON\_CLIENT\_KEY
   * Client secret → .env as MASTODON\_CLIENT\_SECRET
   * Access token → .env as MASTODON\_ACCESS\_TOKEN

**🔶 Google Sheets**

1. Go to https://console.cloud.google.com/
2. Create a new project
3. Enable the **Google Sheets API**
4. Go to **APIs & Services > Credentials**
5. Click **Create Credentials → Service Account**
6. After creation, go to the new account → **Add Key → JSON**
7. Save the .json file
8. Copy the entire content and paste it into .env as GOOGLE\_API\_JSON
9. Open your Google Sheet, click **Share**, and **add your service account email** (from the JSON) as **Editor**

To get GOOGLE\_SHEET\_ID, take it from the Google Sheets URL:

bash

CopyEdit

https://docs.google.com/spreadsheets/d/\*\*SHEET\_ID\_IS\_HERE\*\*/edit#gid=0

**🛡 STEP 3: SET UP GITHUB SECRETS (if deploying with GitHub)**

1. Push your code to a **new GitHub repository**
2. Go to **Repo → Settings → Secrets → Actions**
3. Add each key:
   * MASTODON\_ACCESS\_TOKEN
   * MASTODON\_CLIENT\_KEY
   * MASTODON\_CLIENT\_SECRET
   * GOOGLE\_SHEET\_ID
   * GOOGLE\_API\_JSON

Paste values **without quotes** in GitHub Secrets.

Once done, GitHub will use them during deployment (as seen in deploy.yml).

**☁️ STEP 4: DEPLOY TO REPLIT (EASIEST FOR BEGINNERS)**

1. Go to <https://replit.com/>
2. Create a new Repl → **Import from GitHub**
   * Paste your GitHub repo URL if you've pushed your code
3. In **Secrets (🔐 icon)**, add all .env variables like:

ini

CopyEdit

MASTODON\_ACCESS\_TOKEN=...

MASTODON\_CLIENT\_KEY=...

1. In main.py (or sigmundbot.py), ensure your script ends with:

python

CopyEdit

if \_\_name\_\_ == "\_\_main\_\_":

main()

1. Add a simple Flask ping server if you want to keep Replit alive:

python

CopyEdit

from flask import Flask

from threading import Thread

app = Flask('')

@app.route('/')

def home():

return "SigmundBOT is running!"

def run():

app.run(host='0.0.0.0', port=8080)

Thread(target=run).start()

1. Press **"Run"** — you're live!

Optional: Use <https://uptimerobot.com/> to ping your Replit URL every 5 mins so it stays awake.

**🚂 STEP 5: DEPLOY TO RAILWAY (alternative cloud)**

1. Go to <https://railway.app/>
2. Click **New Project → Deploy from GitHub repo**
3. During setup, define **Environment Variables** (same as .env)
4. Railway auto-runs your main.py

This will give you a fast, reliable cloud runtime — free for hobby tier.

**💬 EXAMPLE USER INTERACTION (Mastodon)**

1. User follows or mentions the bot:
   * Bot DMs: “Hello! Reply start to begin your personality test.”
2. User replies start
3. Bot offers choices:
   * “Reply 1 for Big Five, 2 for MBTI, 3 for Stoicism”
4. Bot guides the user through the test in private
5. At end, shows results + logs them in Google Sheets and CSV

**✅ Want me to help you now with:**

* Setting up your Google project (walkthrough)?
* Creating the Mastodon app and generating tokens?
* Helping you push the repo to GitHub and configure Actions?

Let me know what part you'd like hands-on help with next.