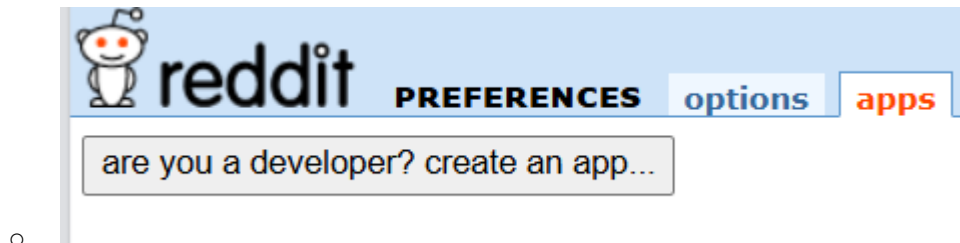


SETUP FOR RUNNING THE APPLICATION

1. Reddit API Setup

- Visit: <https://old.reddit.com/prefs/apps/>
- Follow the visual steps:



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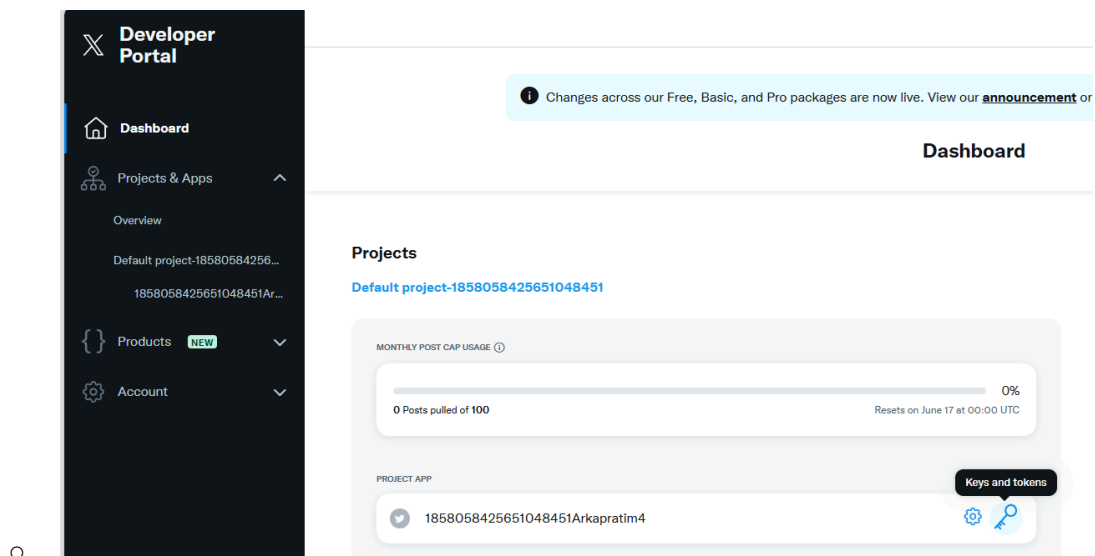
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2. Google API Key for Gemini

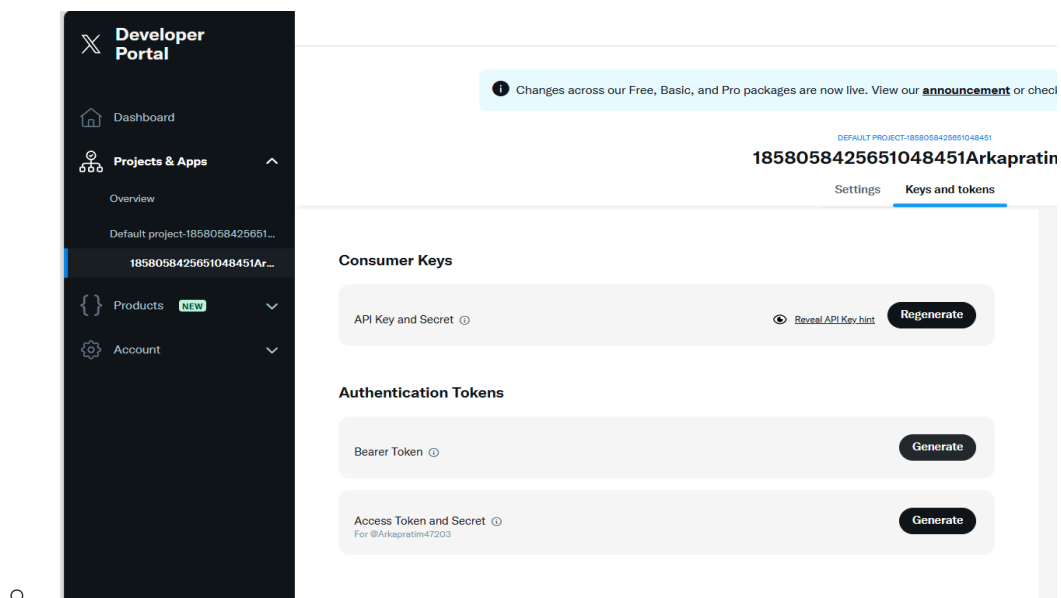
- Visit: <https://aistudio.google.com/apikey>
Create and save your Google API Key.

3. Twitter (X) Bearer Token

- Visit: <https://developer.x.com/en/portal/dashboard>
- Steps:
 - Create a profile on X



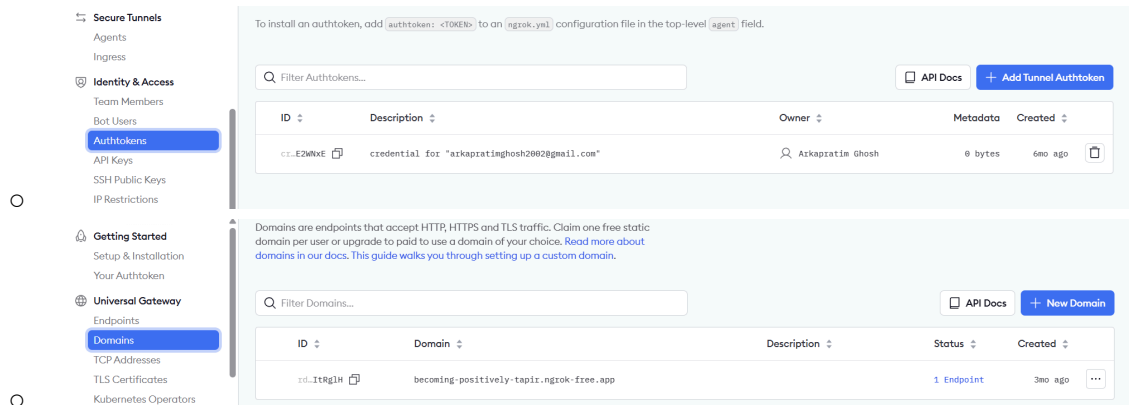
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4. Ngrok Setup

- Visit: <https://ngrok.com/>
- Login with GitHub and follow the steps:



5. Download Required Files (Actual URLs)

1. **Pickles and Required Files**
<https://drive.google.com/uc?export=download&id=1LguxWEB64xMTUtJ46tKPhQzZ37jGZiIV>
2. **Notebook (WebAppV13-7.ipynb)**
https://drive.google.com/uc?export=download&id=1Qvnoh1e7AbWs-xFml_xcRQ_Flg4NPPZa
3. **Sample Data**
<https://drive.google.com/uc?export=download&id=1VH3QKcllymxj3CSeRkWBe9XbN0PTrvs8>

6. Regenerate `cross_encoder_gpu.pkl` (if needed)

```
from sentence_transformers import CrossEncoder
import pickle

cross_encoder_model =
CrossEncoder('cross-encoder/ms-marco-MiniLM-L-6-v2', device='cuda')

with open("cross_encoder_gpu.pkl", "wb") as f:

    pickle.dump(cross_encoder_model, f)

print("✅ Saved cross_encoder_model to pkl")
```

Replace the old `cross_encoder_gpu.pkl` file in the folder with this one if there's a Colab environment compatibility issue.

7. Start the Application

Watch the demo or launch guide:

<https://drive.google.com/file/d/1LSSzi3sttacXIVt146ebSsmWp4bq9lbc/view>

8. View Sample Reports Folder

GitHub Reports Folder:

<https://github.com/arkapg211002/MAFSMBMDDPWI-FYP-2025/tree/main/WEB%20APP%20REPORTS>