

Configuration Manual - Fake News Generator

This manual provides step-by-step instructions to run the ABHINAV_CODE-Aug10.ipynb notebook for generating synthetic fake news samples for research purposes. The process takes approximately 5 minutes to set up and can generate 10-10,000 samples based on computational linguistics patterns.

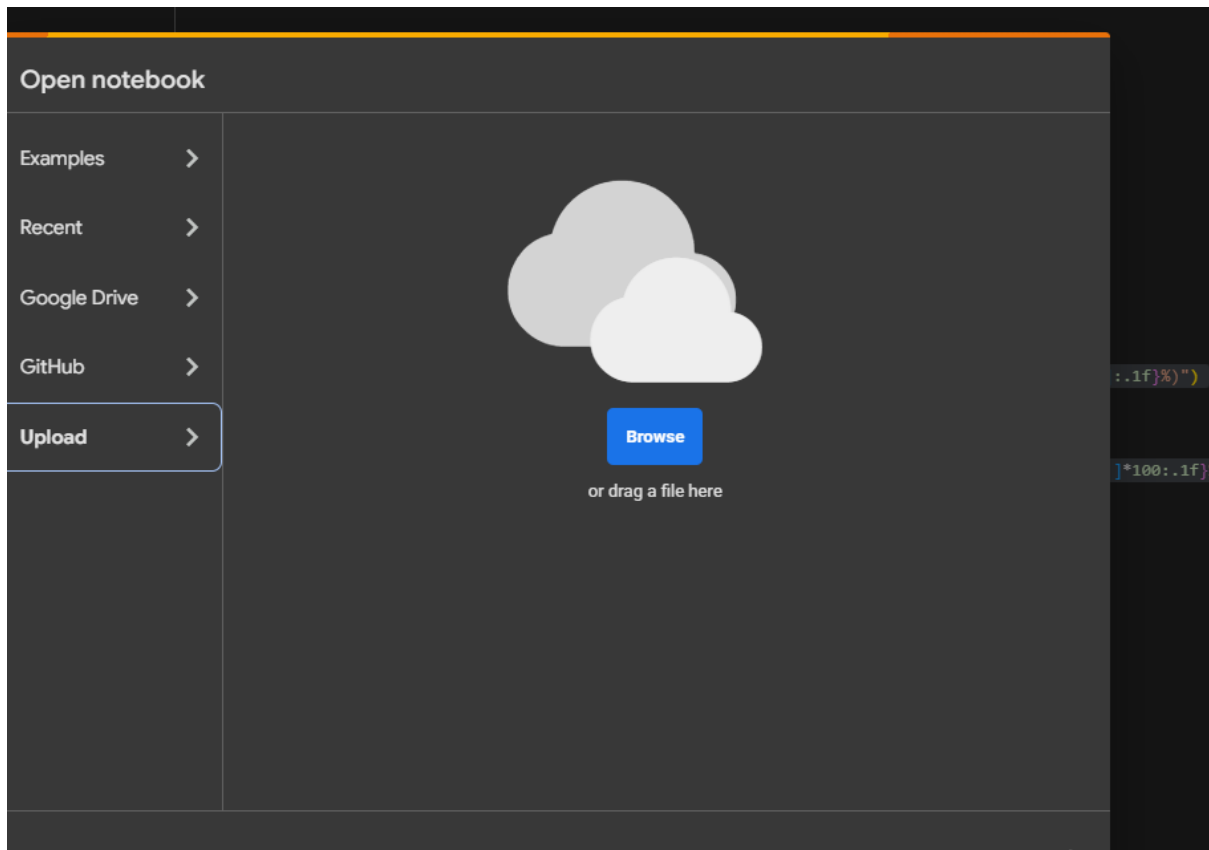
Run ABHINAV_CODE-Aug10.ipynb in 5 Steps

Step 1: GO TO Google Colab

1. Open a web browser
2. Navigate to: <https://colab.research.google.com>
3. Sign in with a Google account

Step 2: UPLOAD The Notebook

1. Click **File** → **Upload notebook**
2. Click **Browse** button
3. Select the ABHINAV_CODE-Aug10.ipynb file
4. Wait for upload completion
5. The notebook opens automatically



Step 3: CONNECT Google Drive

Execute this code in the **FIRST CELL** of the notebook:

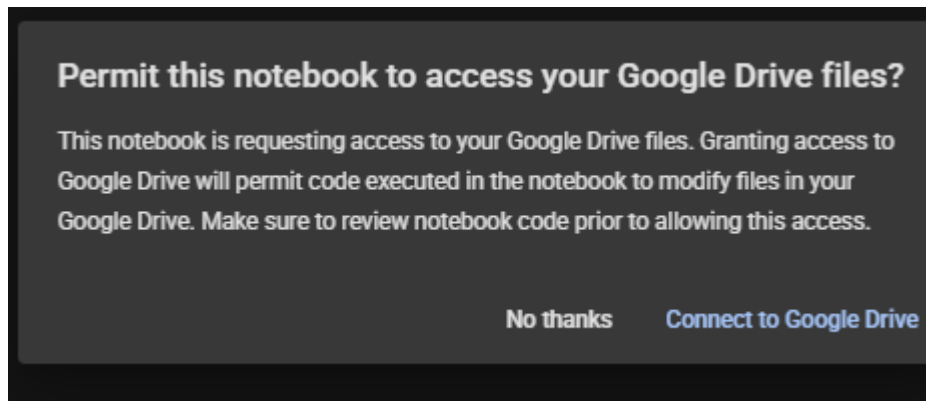
```
# Connect Google Drive for saving results
```

```
from google.colab import drive
```

```
drive.mount('/content/drive')
```

Expected behavior:

- A URL link appears → Click the link
- Select the Google account
- Click "Allow" to grant permissions
- Copy the authorization code
- Paste the code and press Enter
- ☒ Output shows: "Mounted at /content/drive"



Step 4: CHANGE Paths and API

Add this cell after the Drive mount:

CHANGE THESE TWO ITEMS:

1. Set the OpenAI API key (replace with actual key)

```
import os
```

```
os.environ['OPENAI_API_KEY'] = 'sk-proj-abc123xyz789...' # ← CHANGE THIS!
```

2. Verify save path (usually no change needed)

```
BASE_SAVE_PATH = "/content/drive/MyDrive/FakeNewsGeneration_v5_4_Ultra"
```

```
print(f"✅ API key configured!")
```

```
print(f"✅ Results will save to: {BASE_SAVE_PATH}")
```

Step 5: RUN Everything

1. Click **Runtime** → **Run all** (or press Ctrl+F9)
2. Wait for all cells to execute (≈2-3 minutes)
3. After completion, execute generation in a new cell:

Generate samples (select one option):

```
samples = quick_test(10)    # Quick: 10 samples
```

```
samples = quick_test(50)    # Medium: 50 samples
```

```
samples = quick_test(200)   # Large: 200 samples
```

```
samples = production_run(500) # Production: 2,500 samples
```

Complete 5-Step Checklist

Step	Action	Status
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1	GO TO colab.research.google.com	☐
2	UPLOAD ABHINAV_CODE-Aug10.ipynb	☐
3	CONNECT Google Drive	☐
4	CHANGE API key	☐
5	RUN all cells → generate samples	☐

Quick Fixes

If API Key Error Occurs:

Re-enter the key

```
import os
```

```
os.environ['OPENAI_API_KEY'] = input("Enter OpenAI API key: ")
```

If Drive Connection Fails:

Reconnect drive

```
from google.colab import drive
```

```
drive.mount('/content/drive', force_remount=True)
```

If Path Error Appears:

Create directories if missing

```
import os
```

```
BASE_PATH = "/content/drive/MyDrive/FakeNewsGeneration_v5_4_Ultra"
```

```
os.makedirs(BASE_PATH, exist_ok=True)
```

After Completing the 5 Steps

Once setup is complete, execute:

Generate different sample sizes

```
samples = quick_test(10)    # 10 samples (30 seconds)
```

```
samples = quick_test(50)    # 50 samples (2 minutes)
```

```
samples = quick_test(100)   # 100 samples (4 minutes)
```

```
samples = production_run(500) # 2,500 samples (10-15 minutes)
```

Verify results

```
print(f'Generated {len(samples)} samples')
```

```
print(f'Saved to Google Drive  ")
```