

WhatsApp Bulk Announcement Bot

by *Baneen Zehra Asif*

licenseMIT

python3.x

repo size0 B







Stars0

Forks0




Overview

WhatsApp Bulk Announcement Bot is a powerful Python automation tool crafted by **Baneen Zehra Asif** to broadcast personalized messages via WhatsApp. Ideal for community managers, educators, and marketers, it simplifies bulk messaging using an Excel sheet and the `pywhatkit` library.

Features

-  **Excel Integration** – Load contacts from a `contacts.xlsx` file
-  **Bulk Messaging** – Send customized messages to each contact
-  **Real-Time Sending** – Powered by `pywhatkit.sendwhatmsg_instantly()`
-  **Spam-Safe Delay** – 5-second interval between each message
-  **Customizable Format** – Modify message text and links
-  **Lightweight Setup** – Minimal dependencies, quick start


Requirements

-  Python 3.x
-  `pywhatkit` , `pandas` , `openpyxl`
-  A structured Excel file with a column named `PhoneNumbers`

Install dependencies:

```
pip install pywhatkit pandas openpyxl
```

Project Structure

 WhatsAppBulkAnnouncementBot/


|— contacts.xlsx


|— send_bulk_whatsapp.py


|— requirements.txt


|— WhatsApp_Bulk_Announcement_Bot.ipynb


|— README.md

 Contact list

 Main script

 Dependencies

 Jupyter Notebook version

 Project documentation

Getting Started

1 Clone the Repository

```
git clone https://github.com/BaneenZehraAsif/WhatsAppBulkAnnouncementBot.git
cd WhatsAppBulkAnnouncementBot
```

2 Prepare the Excel File

- Ensure the file is named: `contacts.xlsx`
- Add a column: `PhoneNumbers` with values like `923001234567` (no `+` sign)

3 Customize the Script

- Open `send_bulk_whatsapp.py` or the notebook
- Modify the `message` or `link` as needed

4 Run the Bot

```
python send_bulk_whatsapp.py
```

Sample Code

```
import pywhatkit as kit
import pandas as pd
import time

df = pd.read_excel("contacts.xlsx")
link = "https://github.com/BaneenZehraAsif"

for index, row in df.iterrows():
    phone_number = f"{row['PhoneNumbers']}"
    message = f"""\ud83d\udcf1 \ud83d\udcf1 Welcome! Join now to stay updated on new data science projects.
Join now: {link}"""

    try:
        kit.sendwhatmsg_instantly(phone_number, message, wait_time=5)
        print(f"\u2705 Message sent to {phone_number}")
        time.sleep(5)
    except Exception as e:
        print(f"\ud83d\ude2b Failed to send message to {phone_number}: {e}")
```

Contribution Guidelines

Contributions are warmly welcomed! If you'd like to suggest improvements or fixes:

1. Fork the repo
2. Create a new branch
3. Submit a pull request \ud83d\udc8d

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Author

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