

WhatsApp Bulk Announcement Bot – by Baneen Zehra Asif

licenseMITpython3.xrepo size0 BStars0Forks0

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           # Contact list
├── send_bulk_whatsapp.py   # Main script
├── requirements.txt        # Dependencies
├── WhatsApp_Bulk_Announcement_Bot.ipynb # Jupyter Notebook version
└── README.md              # 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"""\n\n 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"\n Message sent to {phone_number}")
        time.sleep(5)
    except Exception as e:
        print(f"\n 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 
-

License

This project is licensed under the **MIT License**. See the [LICENSE](#) file for full details.

Author

Baneen Zehra Asif  [GitHub Profile](#)