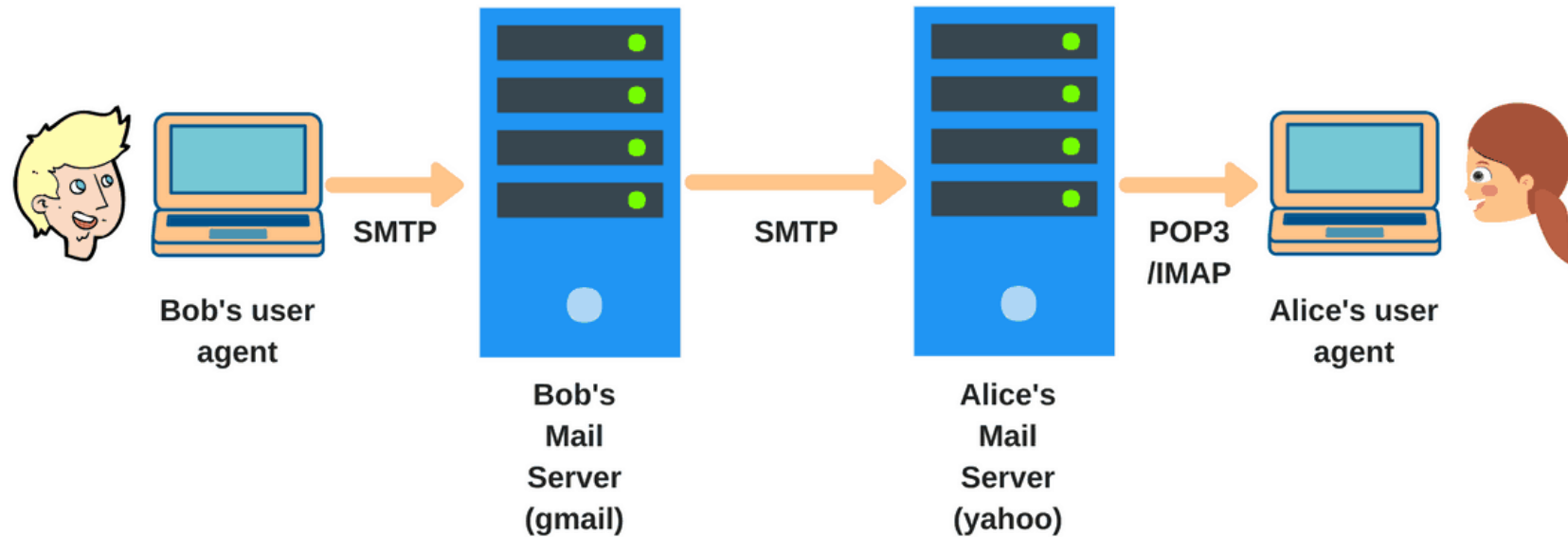# Email Automation

UiPath Module

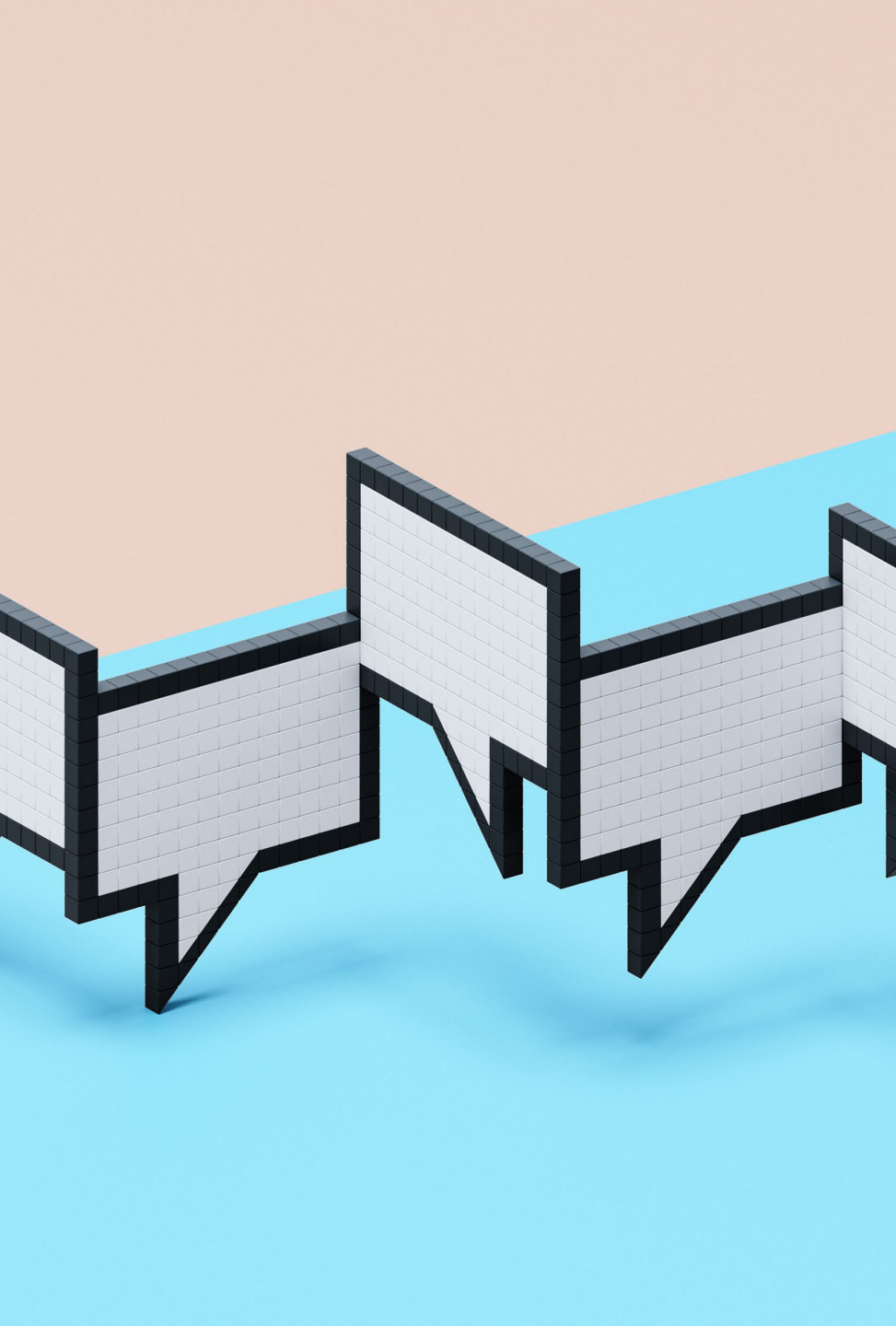Time to automate sending those holiday evites

Emails under the hood

Email Protocols

SMTP, IMAP, POP3

- **SMTP**
  - Simple Mail Transfer Protocol
  - a mechanism that establishes a protocol for electronic messages to be sent to an email server or between servers
- **IMAP**
  - Internet Message Access Protocol
  - a mechanism that retrieves electronic messages from email servers
- **POP3**
  - Post Office Protocol (Version 3)
  - downloads the email from a server to a single computer, then deletes the email from the server.

UiPath Mail Activities Pack

UiPath Mail Activities Pack

- designed to facilitate the automation of any mail-related tasks, covering various protocols, such as IMAP, POP3 or SMTP.

- Common Properties Specified:
  - **Logon**
    - **Email** - The email account used to get the message.
    - **Password** - The password of the email account used to get the message.
    - **SecurePassword** - The password of the email account used, as a secure string.
  - **Host**
    - **Server** - The email server host that is to be used.
    - **Port** - The port used to get the email message.

Sending Emails

- Send SMTP Message Activity
- Properties:
  - **Sender**
    - **Name** - The display name of the sender.
    - **From** - The email address of the sender.

Getting Emails

[Get POP3 Mail Message](#)
[Get IMAP Mail Message](#)

1. **Get IMAP Mail Messages**
   - Retrieves an IMAP email message from a specified server.
   - Has options for filtering messages, marking emails as read, ordering by date, etc.
   - Using the filter option you can filter the messages you get from the inbox

2. **Get POP3 Mail Messages**
   - Retrieves a POP3 email message from a specified server.
   - Has options for deleting read messages

Other Email Activities

[Exchange Scope](#)

1. Outlook Activities
   - You need to have outlook installed
2. Exchange Activities
3. IBM Activities

Questions?

Comments? Concerns? Violent Reactions?

Discussion Questions

- How does a client send and receive emails? What's the process behind it?

- What's the difference between SMTP, IMAP, & POP3?

- What are the different email activities the UiPath provides in the UiPath.Mail activities pack?

- How do you filter emails in UiPath?