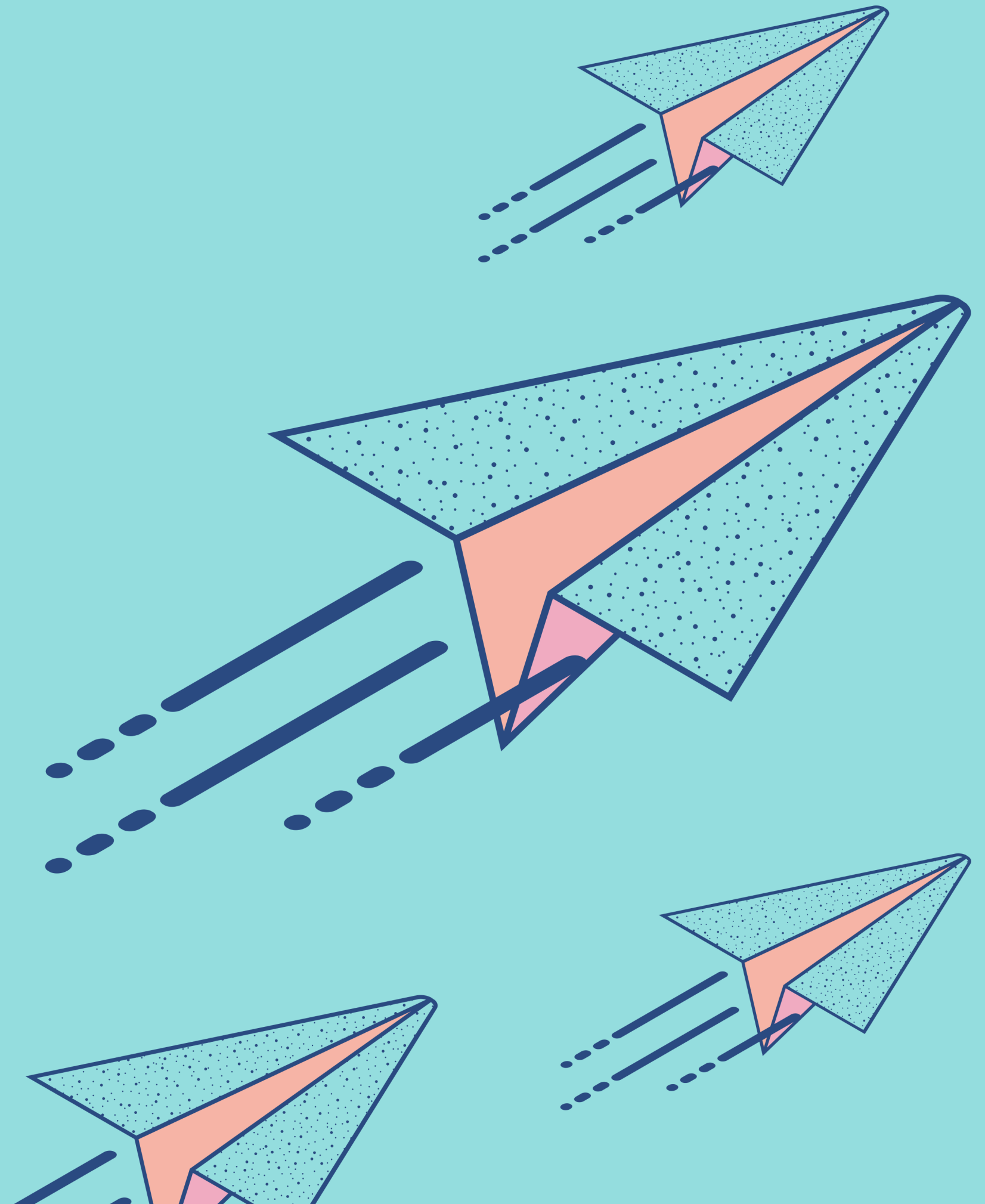




# Flask Applications

# What is Flask?

- A lightweight web framework for Python
- Used in creating microservices or APIs
- Easily scalable and allows external access to many Python applications



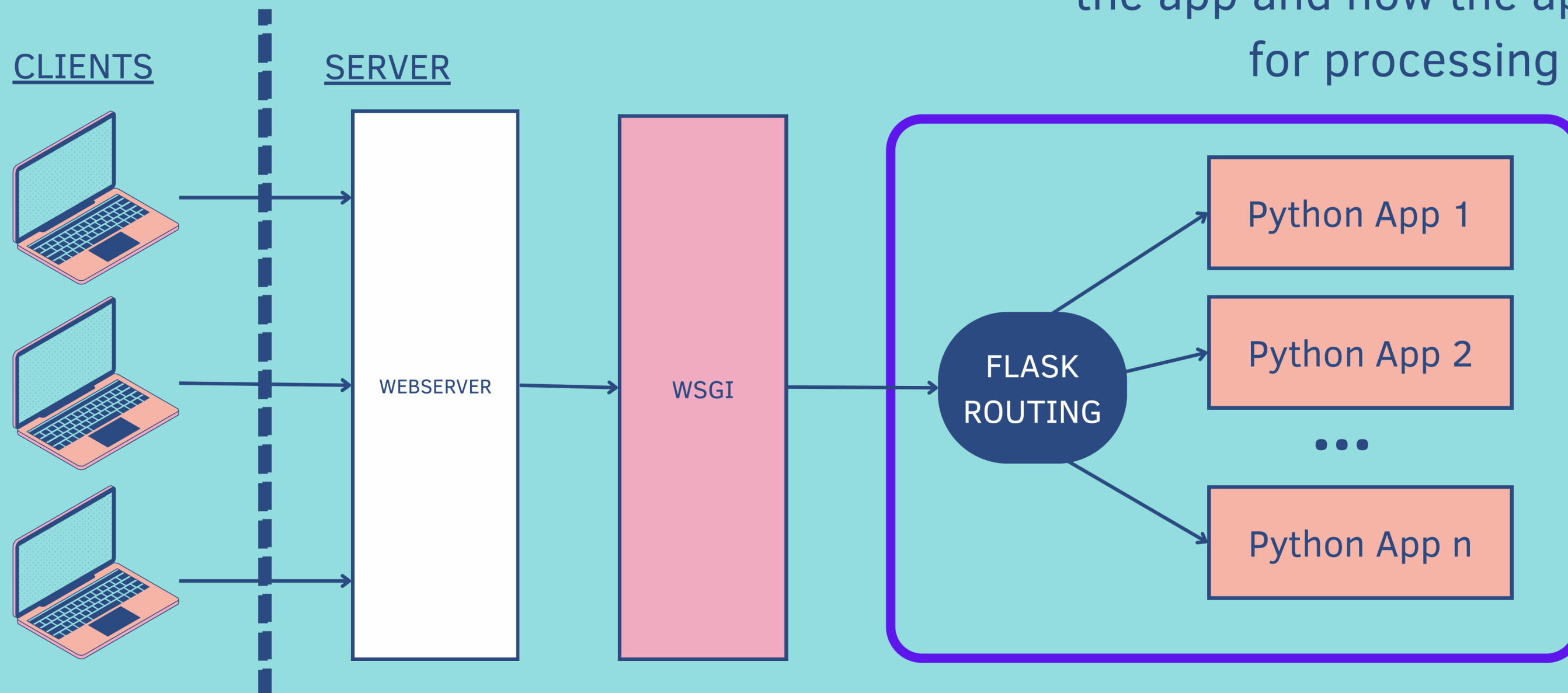
# How Does Flask Work?

Utilizes URL routing and WSGI toolkit to make Python scripts accessible through a webserver, which it creates.

“

Web Server Gateway Interface (WSGI) is a mediator responsible for conveying communication between a web server and a Python web application. It explains how the web server communicates with the app and how the app can be chained for processing a request

”



# Where is **Flask used?**

## Web Development:

- Making applications web accessible
- Can couple a Python application with an HTML or CSS front end

## Backend Development (Local or Public facing):

- Increase reusability of code with access available to many different applications
- Deploying Python functions as an externally callable API
- Communication between multiple programming languages or environments