Introduction

This guide will help you quickly set up and deploy `useClassified`, an application that leverages cloud computing via Modal.com for efficient, affordable infrastructure.

Quick-start Guide

1. **Create an account** at modal.com.

2. **Install Modal**:

   ```
   pip install modal
   ```

3. **Authenticate your account**:

   ```
   modal setup
   ```

   (If this doesn't work, use `python -m modal setup`)

4. **Deploy the app**:

   ```
   modal run launcher.py
   ```

   (If this doesn't work, use `python -m modal run launcher.py`)

5. **Access the application**: After deployment, visit your web app endpoint provided in the terminal output, typically on the line labeled `Created web function fastapi_app`, e.g.,

   ```
   https://yourprofilename--classifiedapp-fastapi-app.modal.run
   ```

You can find your `profilename` when running `modal setup`:

```
Token written to /Users/your-user/.modal.toml in profile yourprofilen
```

You can also obtain the exact URL by running:

```
python -c "import modal; p = modal.config._config_active_profile(); p
```

Successful deployment output will look something like this:

```
✓ Created objects.
├── 🔨 Created mount /root/src/app.py
├── 🔨 Created mount /root/src/frontend/out
├── 🔨 Created function store_message.
├── 🔨 Created function retrieve_messages.
├── 🔨 Created function list_messages.
├── 🔨 Created function new_messages.
├── 🔨 Created web function fastapi_app =>
│   https://yourprofilename--classifiedapp-fastapi-app.modal.run
```

```
└── ⚒ Created function llama_cpp_inference.
✓ App deployed in 3.635s! 🎉
Stopping app - local entrypoint completed.

View Deployment: https://modal.com/apps/yourprofilename/main/deployed/classifiedapp
Runner terminated.
```

Complete Installation Guide

Step 1: Install Python

If you don't already have Python installed, download it from python.org. Follow the instructions to install Python on your system.

Check your Python installation:

```
python --version
```

Step 2: Create an Account with Modal

Go to modal.com and sign up for a new account. Modal provides cloud computing resources billed by the second, offering cost-effective infrastructure for running your applications.

Step 3: Install the Modal Library

Open your terminal and install the Modal Python library:

```
pip install modal
```

Ensure the installation was successful:

```
modal --version
```

Step 4: Authenticate Your Modal Account

Authenticate your installation with your Modal account:

```
modal setup
```

If the command above gives you an error, use:

```
python -m modal setup
```

This command will prompt you to log in via a web browser.

Step 5: Deploy the Application

Now deploy your app by running:

```
modal run launcher.py
```

If the above doesn't work, try:

```
python -m modal run launcher.py
```

Step 6: Access Your Application

After deployment, your app is accessible via the web endpoint provided in the terminal output, typically indicated by the line labeled `Created web function fastapi_app`, for example:

`https://yourprofilename--classifiedapp-fastapi-app.modal.run`

Your application is now running using Modal's cloud infrastructure.