PART 7 of 7

POWERSHELL AUTOMATION

# Python Thumbnails

Pillow · 1280x720 · os

```
$ python thumbnail_image.py
$ from PIL import Image
$ img.thumbnail((1280, 720))
$ img.save(f'tn_{name}{ext}')
```

POWERSHELL AUTOMATION

PART 7 OF 7

# A Python Pillow Script That Makes 1280x720 YouTube Thumbnails Automatically

The command prompt and the folder of images, then a short Python script with Pillow (PIL) and os: list the .jpeg files with a lambda filter, open each image, resize it to 1280x720 with thumbnail(), save it as tn_<name>.jpeg and show it; run it, compare the file sizes, and closing words on how automation saved time across 1,600 videos.


| | | | |
|---|---|---|---|
| 0:00 | Command prompt | 4:07 | List the .jpeg files |
| 0:34 | The images folder | 4:29 | for each image |
| 2:18 | Close what you don't need | 4:59 | Open, thumbnail(), save |
| 2:32 | One .jpeg to convert | 5:25 | Show it |
| 2:41 | thumbnail_image.py | 5:39 | Run it |
| 3:00 | Open it in VS Code | 6:27 | Hours saved by automation |
| 3:13 | What the script does | 6:54 | Original vs thumbnail |
| 3:29 | from PIL import Image | 8:04 | Use the code |
| 3:30 | Size 1280 x 720 | 8:30 | Closing words |

## COMMANDS SHOWN IN THIS PART

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```
$ python thumbnail_image.py
$ from PIL import Image
$ img.thumbnail((1280, 720))
$ img.save(f'tn_{name}{ext}')
```

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Previous: Part 6 – Why Not Run a Browser as Root, Firewall Check, Power Off, and Designing a Thumbnail