

# Slide Decks from AI Images

How this repo turns outlines into finished slides

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# **What this repo is for**

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From hand-built decks to rendered decks

# What this repo does

## High-level overview

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- You write an outline of your talk as structured YAML
- Each slide has a title, text, layout hints, and optional assets
- The Python tool builds prompts and calls Gemini to generate images
- The result is a folder of ready-to-present slide images



# Old vs new workflow

Why bother?



## Old way

- Build each slide manually in PowerPoint
- Search for icons, tweak layouts, align boxes
- Style drifts between slides and projects

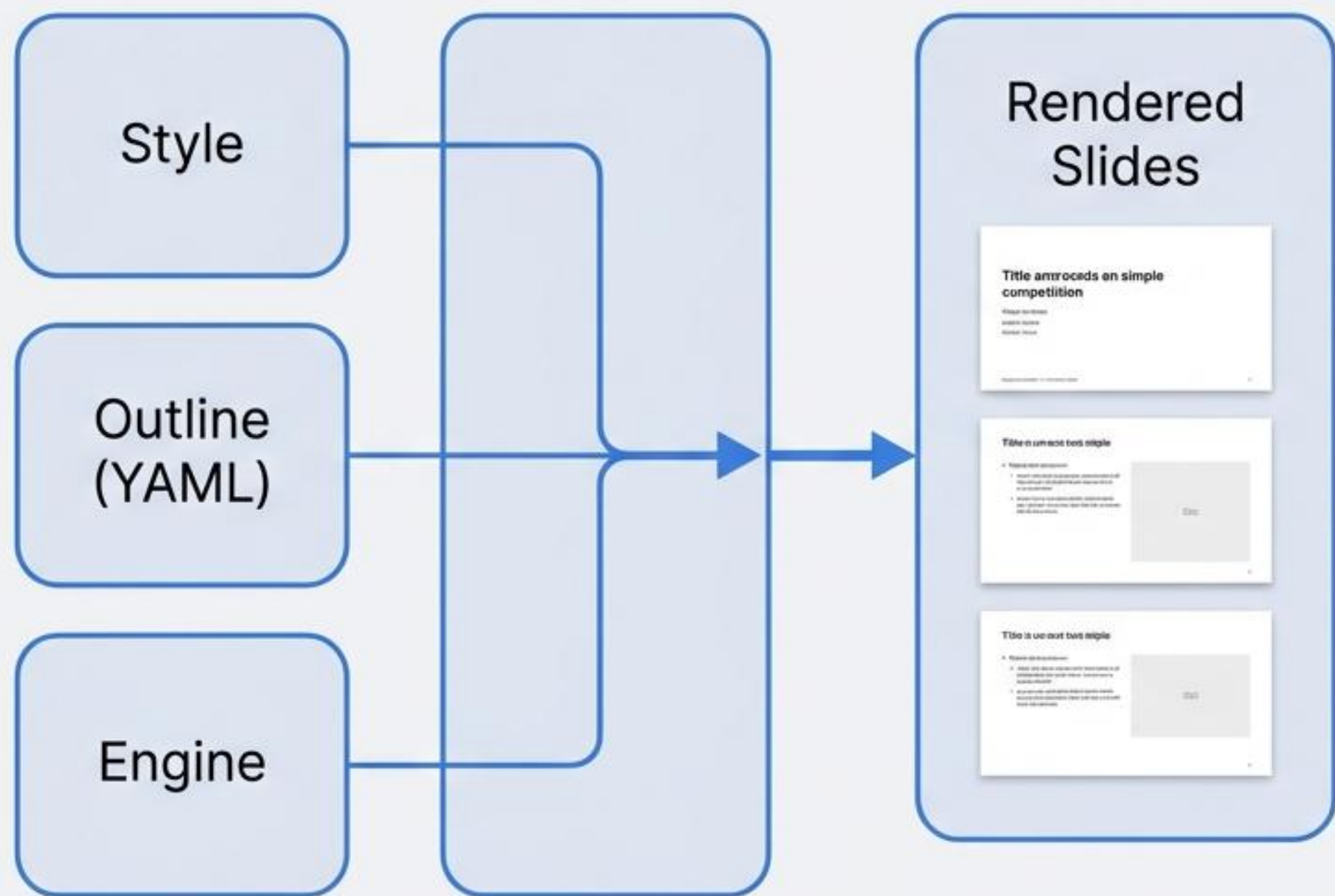


## New way

- Define style once in a style file
- Describe slides in YAML (titles, bullets, visuals)
- Batch render consistent slide images with one command

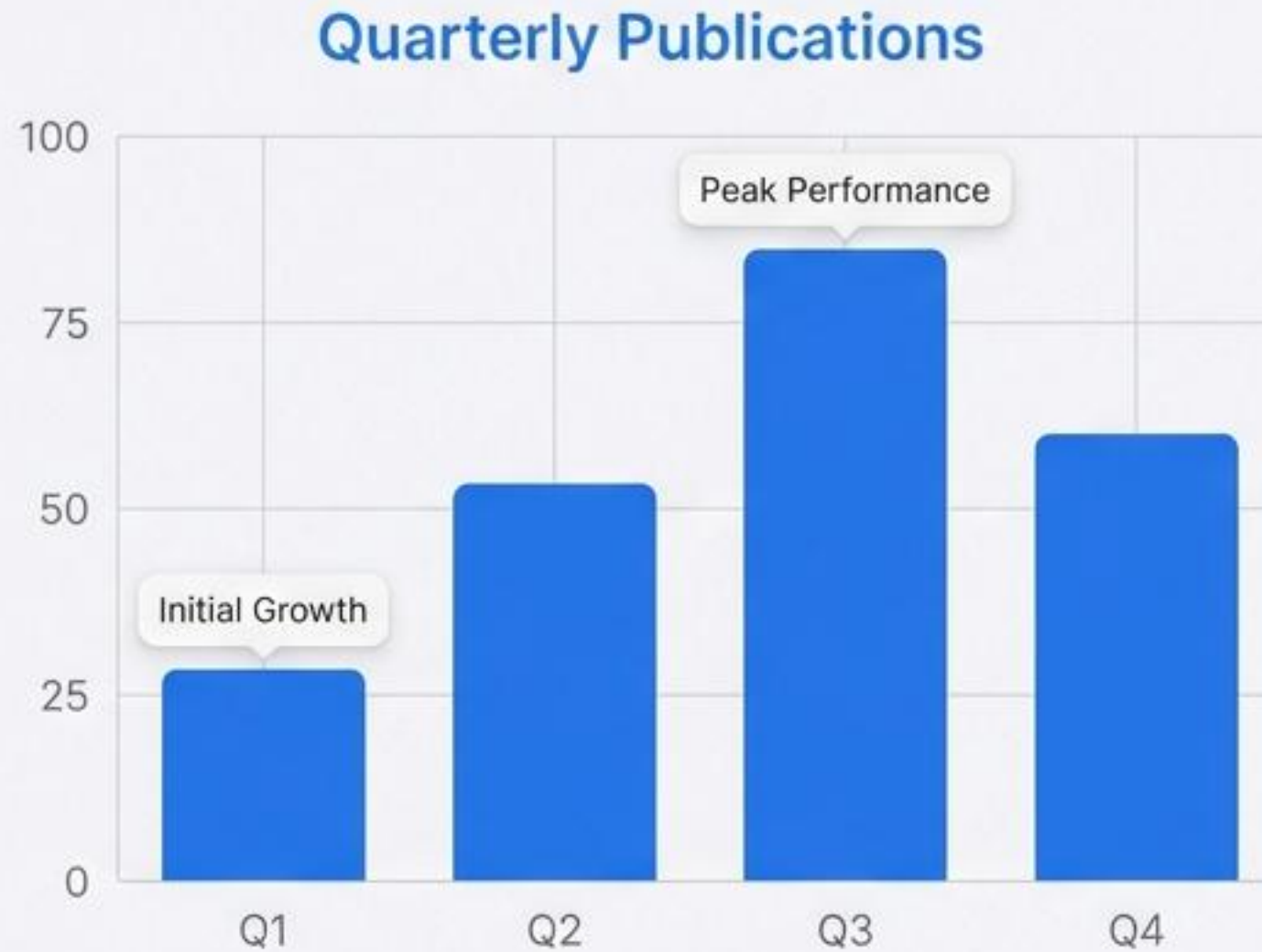
# How the pipeline works

Style, outline, engine



- **Style:** a style file (e.g. modern\_academic) and a reference image
- **Outline:** slides.yaml with titles, text, layout and assets
- **Engine:** Python tools that call Gemini to render each slide
- **Output:** generated\_slides/ images + HTML viewer

# Example rendered slide (image-only demo)



# Alternative style: Chalkboard

Same repo, different look

- Swap style: use chalkboard instead of modern\_academic
- Keep the same slides.yaml structure and content
- Get a completely different visual feel automatically
- Useful for teaching, workshops, or informal talks

