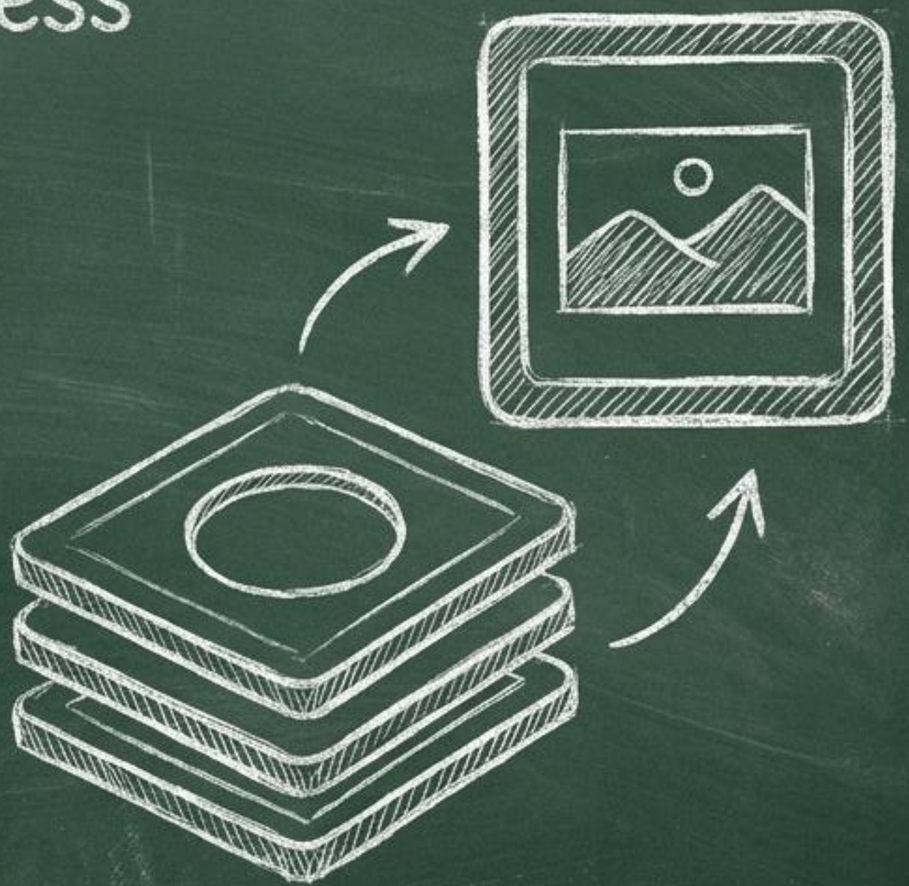
From Outline to Image

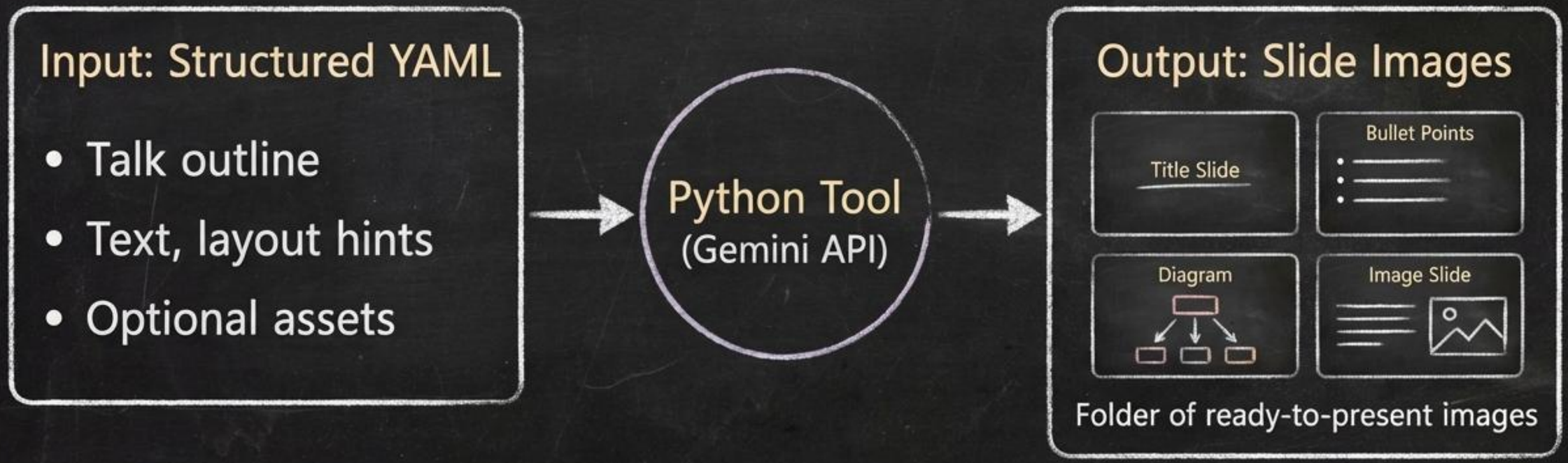
A streamlined generation process



Section 1: Motivation & Overview

What this repo does

High-level overview



Old vs new workflow

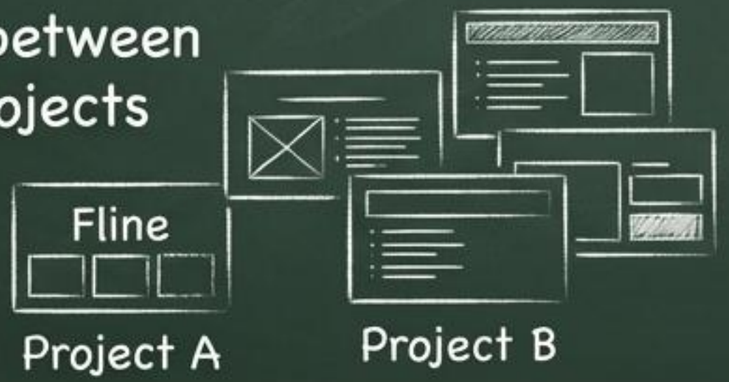
Why bother?

Old way

- Build each slide manually in PowerPoint

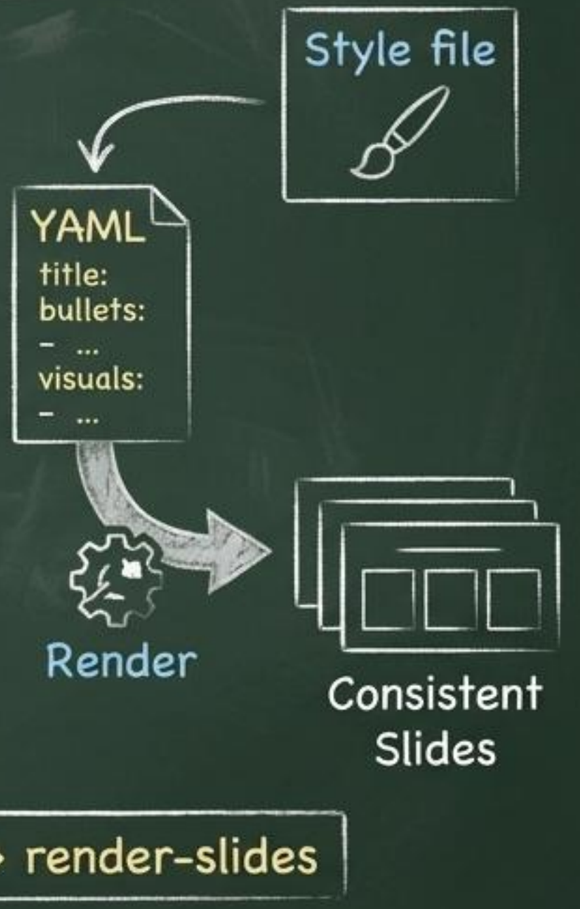
- Search for icons, tweak layouts, align boxes

- Style drifts between slides and projects



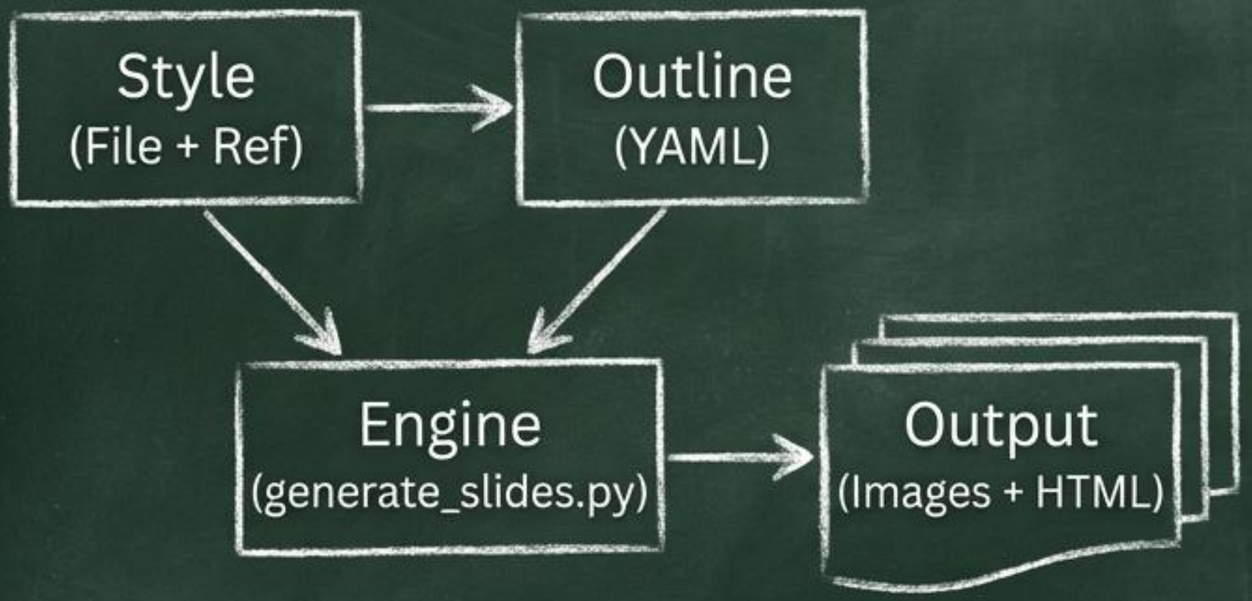
New way

- 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

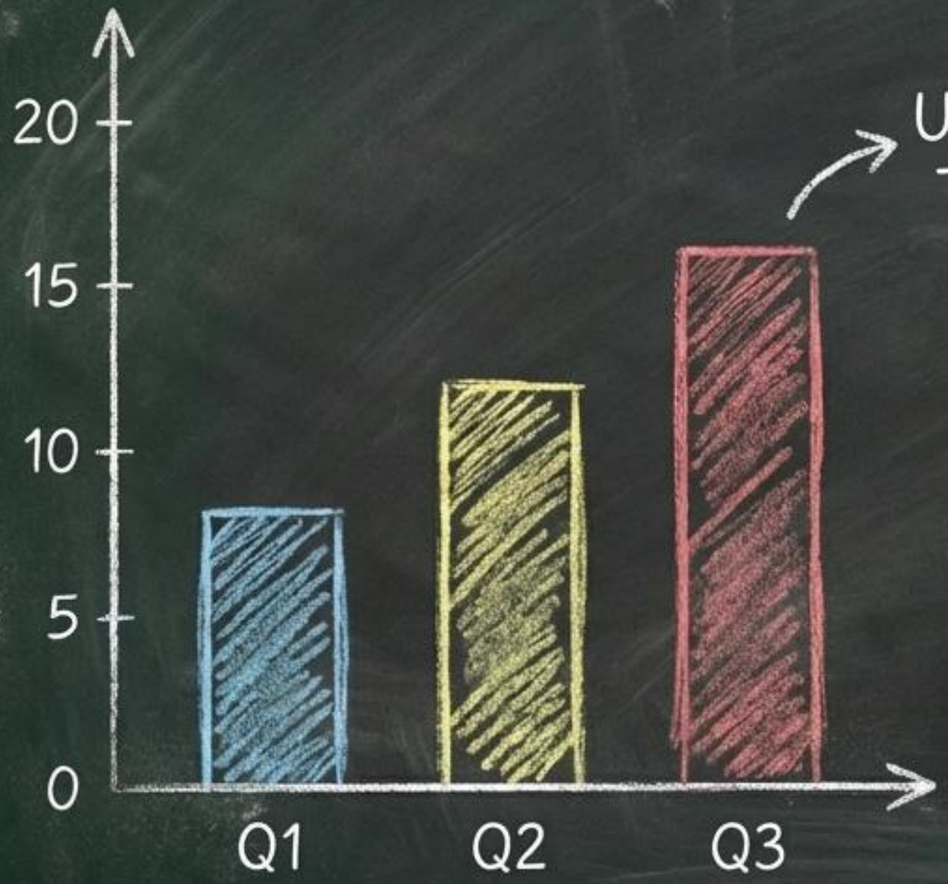
Style, outline, engine

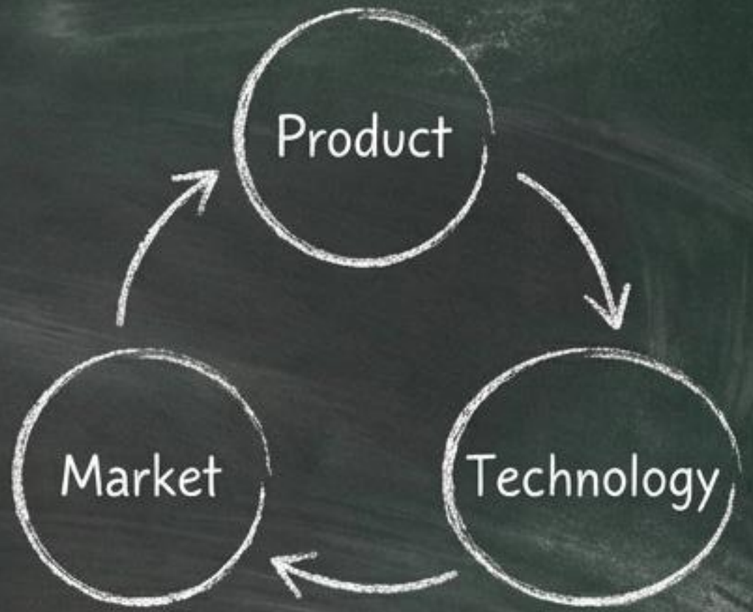


- Inputs: style file and reference image
- Outline: slides.yaml with titles, text, layout, assets
- Engine: generate_slides.py builds prompts per slide
- Output: generated_slides/ images + HTML viewer

Market Trends Overview

Current Analysis





- Steady Growth
- Innovation Focus
- Global Reach