

Flow to be used

1. Prepare repo + folder structure.
2. Add Agentspace agent input JSONs (`configs/agents/*.json`).
3. Add assets (Drive input files) & a Drive upload manifest.
4. Create *taskflow templates* (one YAML per agent) that Agentspace will compose.
5. Create PRD-lite templates (NotebookLM-ready markdown).
6. Add tests (unit/validation tasks) for parsing/classification/outputs.
7. Hook up Agentspace: import configs → pattern synthesis → taskflow generation.
8. Run tests locally (or via Agentspace test runner).
9. Push to staging / create deployment package.
10. Create dashboard/metrics mapping and schedule monitoring.

Example Lifecycle (Insurance Claim Triage)

1. Agentspace reads from `agentspace_samples.json`
2. Gemini (PatternSynth) interprets:
"Automate claim triage and routing using DocAI"
3. NotebookLM (DocSynth) builds a PRD-lite from `insurance_claims_sample.pdf`
4. TaskComposer auto-creates taskflow:
 - Step 1: Parse documents (DocAI)
 - Step 2: Classify claim type
 - Step 3: Route to correct handler
5. TestSynth builds validation tests for sample data
6. MetricsLinker logs completion + sends dashboard data to Looker Studio

Folder Structure

```
agentspace-repo/
├── README.md
├── .github/
│   └── workflows/
│       └── agentspace-ci.yml
├── configs/
│   └── agents/
│       ├── agentspace_samples.json      # combined payload (7 agents)
│       ├── insurance_claims.taskflow.yml # example taskflow (one per agent)
│       ├── support_routing.taskflow.yml
│       └── ...
├── assets/
│   ├── inputs/                        # local copies you generated
│   │   ├── support_ticket_samples.pdf
│   │   ├── insurance_claims_sample.pdf
│   │   ├── hr_resume_dataset.pdf
│   │   ├── loan_documents_sample.pdf
│   │   ├── retail_sales_history.csv
│   │   ├── proposal_template.docx
│   │   └── campaign_performance_data.csv
│   ├── drive_manifest.csv             # mapping local file → Drive folder id
├── docs/
│   ├── prd_templates/
│   │   └── prd-lite-template.md
│   ├── agents/
│   │   ├── insurance-claims_prd.md
│   │   └── support-routing_prd.md
├── patterns/                          # output from PatternSynth/Gemini
│   ├── insurance-claims.pattern.json
│   └── support-routing.pattern.json
├── tests/
│   ├── test_support_routing.py
│   └── test_insurance_claims.yml      # test vectors / expected outputs
├── pipelines/
│   └── deploy/
│       ├── staging/
│       └── production/
└── scripts/
    ├── upload_to_drive.py
    └── agentspace_deploy.sh
```