AI News Button – File & Flow Diagram

This document explains which files and layers are involved when adding a new UI button such as **AI News** to the AIML SRE website.

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1) UI Layer
- ui/src/components/Header or Nav component (add button)
- ui/src/pages/AiNews.jsx (page/view)
- ui/src/App.jsx or router.jsx (route wiring)
- ui/src/api/client.js (API call to /news/latest)

2) API / Lambda Layer
- services/agent_api/app.py OR lambda/app.py
- Handler must expose GET /news/latest
- IMPORTANT: CloudFront routes /api/* and Lambda strips "/api"

3) Infrastructure Layer
- CloudFront behavior routes /api/* → API Gateway
- Usually already present, no change needed
- Only modify infra if behavior is missing or misrouted

4) Deployment Layer
- Build Lambda Docker image
- Tag image with immutable Git SHA
- Update terraform.tfvars:
  lambda_image_uri = <ecr_repo>:<git_sha>
- terraform plan + apply (prod)

Key Rule:
CloudFront calls /api/news/latest
Lambda receives /news/latest (after normalization)
```