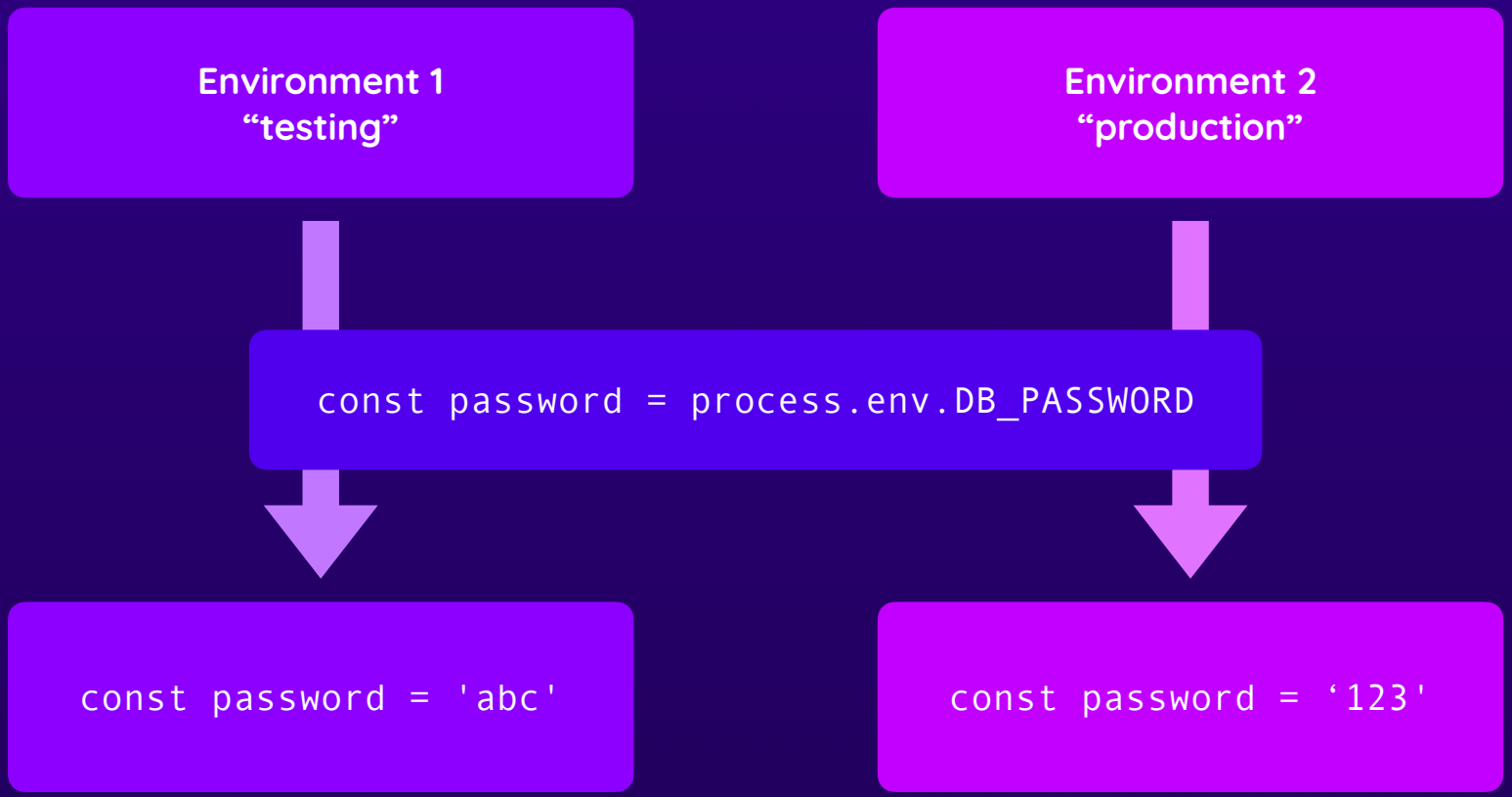
ACADEMIND

Environment Variables & Secrets

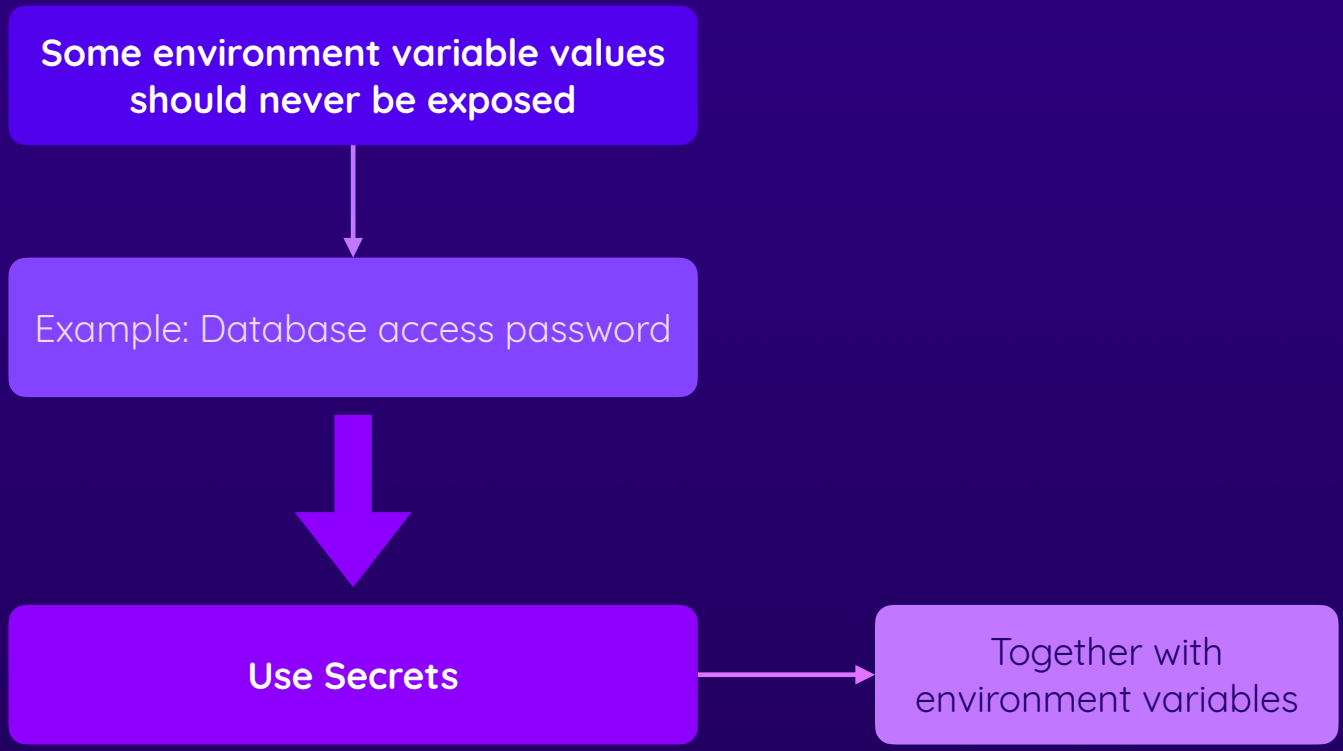
Hardcoding Is Not (Often) The Solution

- Understanding & Using Environment Variables
- Using Secrets
- Utilizing Job Environments

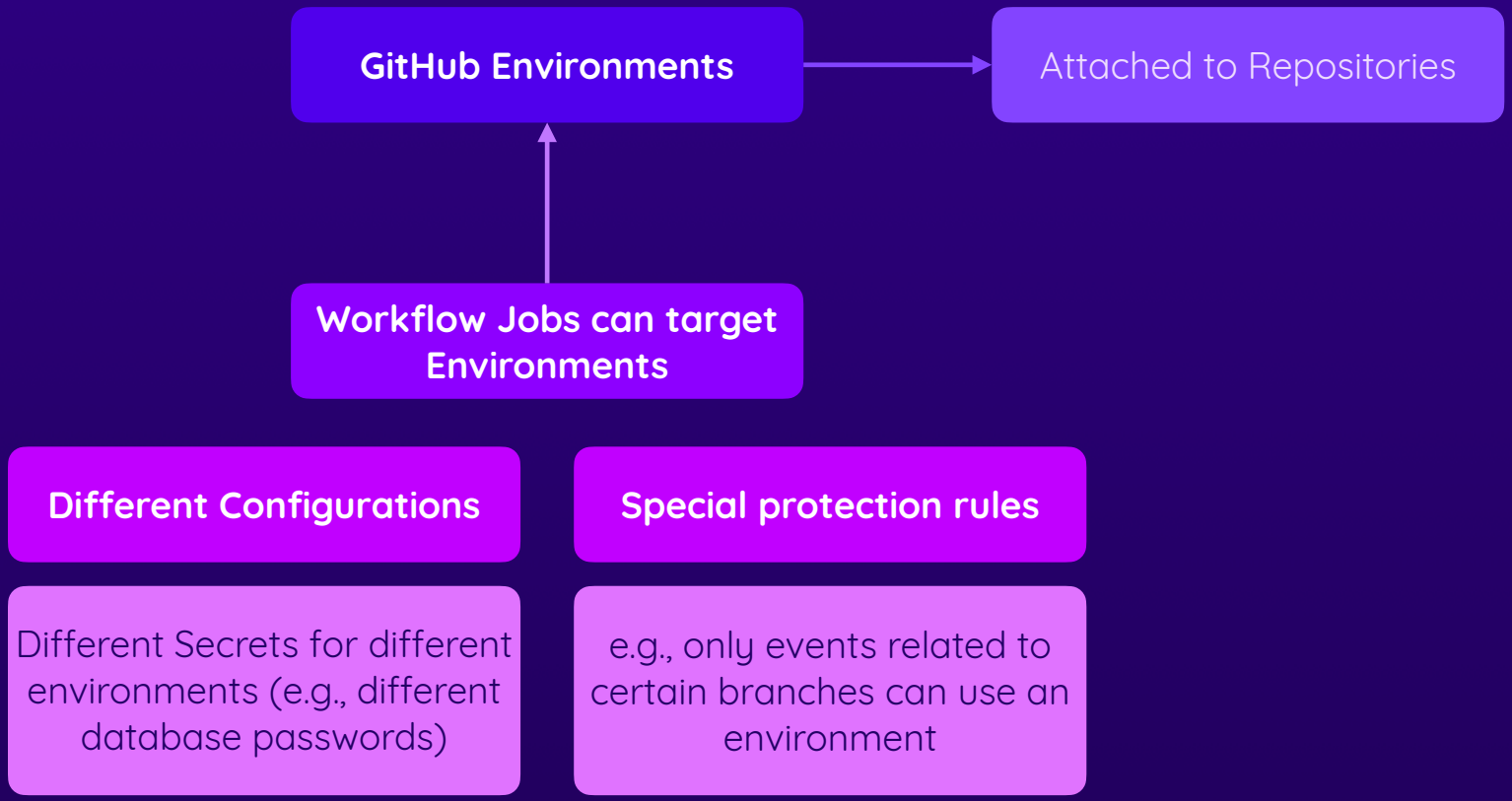
Understanding Environment Variables



Environment Variables vs Secrets



GitHub Repository Environments



Module Summary

Environment Variables	Secrets	GitHub Actions Environments
Dynamic values used in code (e.g., database name)	Some dynamic values should not be exposed anywhere	Jobs can reference different GitHub Actions Environments
May differ from workflow to workflow	Examples: Database credentials, API keys etc.	Environments allow you to set up extra protection rules
Can be defined on Workflow-, Job- or Step-level	Secrets can be stored on Repository-level or via Environments	You can also store Secrets on Environment-level
Can be used in code and in the GitHub Actions Workflow	Secrets can be referenced via the `secrets` context object	
Accessible via interpolation and the `env` context object		