

ImageInsight - Knowledge Base (KB-05)

Issue/Configuration: Audit Log Encryption Conflict

Image of Issue/Configuration:

Audit logs			
Date	Event	User	Status
2024-04-23 13:23:09	Disable mixed-mode logging	admin	AES256
2024-04-23 13:23:06	Set encryption to AES256	admin	AES256
2024-04-18 13:22:06	Re-encrypt existing logs	admin	AES
2024-04-14 13:23:56	Set encryption to AES256	admin	ES

Fix: Access governance.audit.encryption. Set encryption to AES256. Disable mixed-mode logging. Re-encrypt existing logs.

Issue/Configuration: Feature Fusion Misalignment

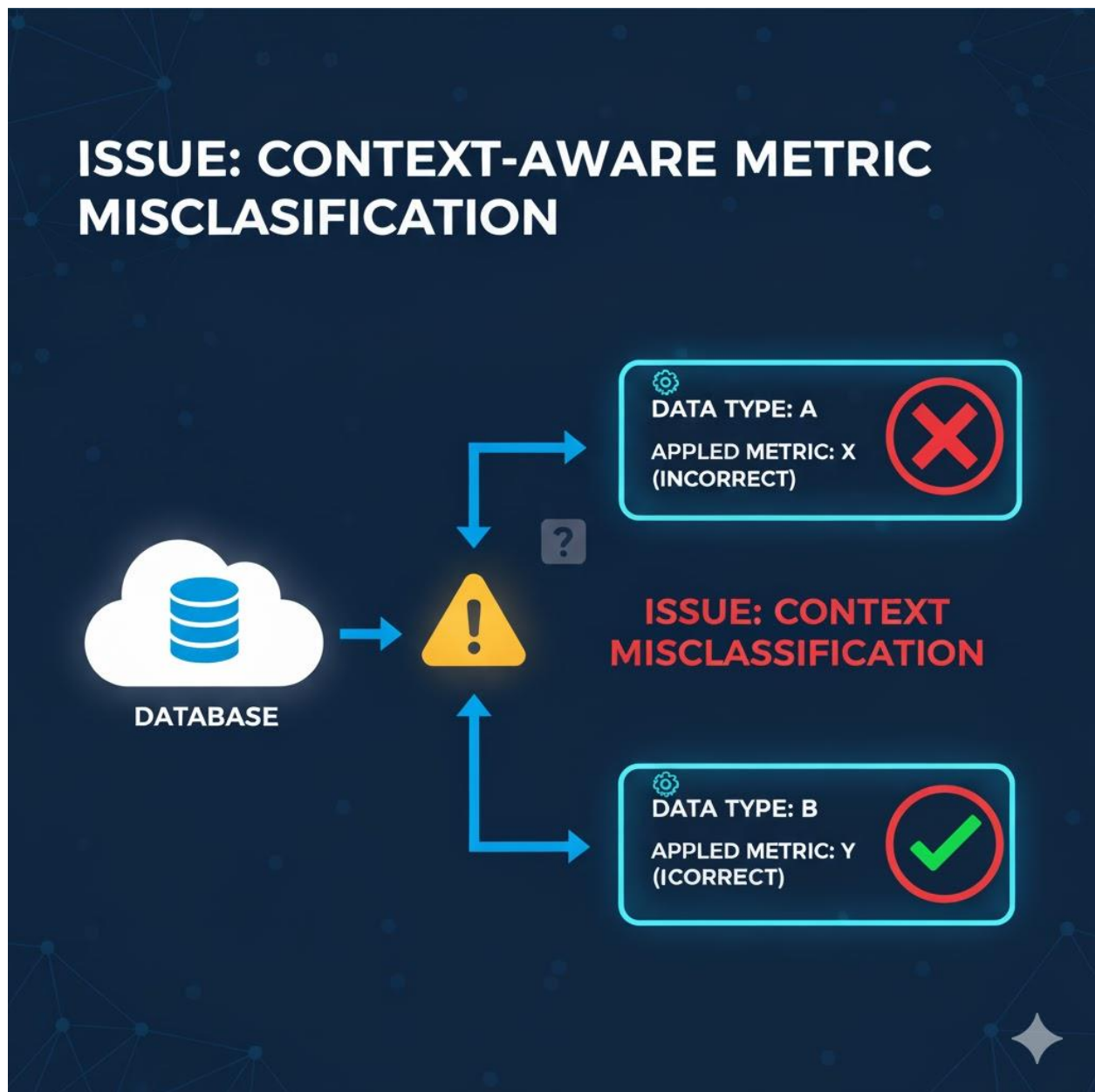
Image of Issue/Configuration:



Fix: Open `similarity.fusion.mode` in config. Set fusion mode to `Weighted`. Adjust weights: `SIFT = 0.6`, `ORB = 0.4`. Re-run pipeline and validate alignment.

Issue/Configuration: Context-Aware Metric Misclassification

Image of Issue/Configuration:



Fix: Navigate to `similarity.context.metric`. Change setting to Type B.

Issue/Configuration: TPU Fallback Failure

Image of Issue/Configuration:

Issue:

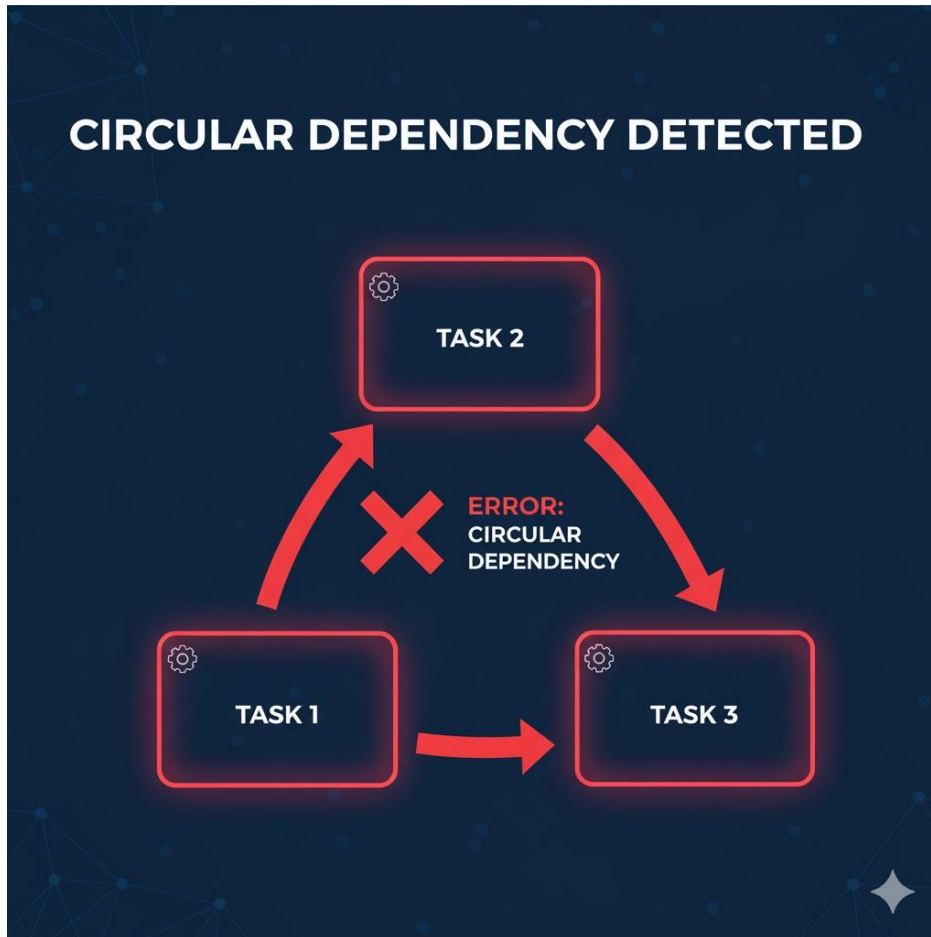
TPU Fallback Failure

```
----- Traceback (most recent call  
in <cell line: 3  
RuntimeError: Internal: Fallback from TPU to CPU failed.  
2023-11-21 05:19:52.918725: E external/xla/xla/tpu/tpu_  
compilation_cache_external.cc:77  
Unclassified compilation failure from XLA:  
MIRRORED_VARIABLE is only supported on TPU.  
Error parsing pico program: INVALID_ARGUMENT:  
Invalid frontend attributes: MIRRORED_VARIABLE is only  
supported on TPU
```

Fix: Go to runtime.acceleration.device. Set fallback hierarchy: TPU > GPU > CPU. Enable auto-switching. Test with a small batch to confirm fallback.

Issue/Configuration: Pipeline Orchestrator Deadlock

Image of Issue/Configuration:



Fix: Open preprocess.pipeline.orchestrator. Review DAG structure. Remove circular dependencies (Remove flow from Task 1 to Task 2). Apply failure handling policy: retry-once.

Optional/Additional Guidance: Use visual DAG editor for complex pipelines.