

## Infra Review

### Glue Job Exists

- Resource: Glue Job (curated\_customer\_data\_gluejob)
- Status: Deployed
- Provisioning Source: IaC (CloudFormation: pooja-test-stack)
- Compliance: Project standards met

### Crawler Doesn't Exist

- curated\_customer\_data\_crawler Expected
- Compliance: Project standards not met

## Infra Review Completed

## Code Review

Here's a review of the provided AWS Glue job code against each checklist section:

### ## 1. Code Structure & Readability

#### ### Is the code modular and function-based? Common functions being used for any repetitive code?

- Status: NEEDS IMPROVEMENT
- Explanation: The code has a main function, but there's repetitive code for listing objects in S3 buckets.
- Recommendation: Create a separate function for listing S3 objects to reduce repetition.

#### ### Are variable, methods, classes and function names meaningful?

- Status: PASS
- Explanation: Variable names like `s3\_bucket1`, `s3\_bucket2`, and function name `main()` are meaningful.
- Recommendation: No changes needed.

#### ### Are all method and function names in lowercase with words separated by underscore?

- Status: PASS
- Explanation: The `main()` function follows this convention.
- Recommendation: No changes needed.

#### ### Are Python's built-in classes named in lowercase?

Line: 7270 Lines: 159

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