

Project 01 — Serverless Data Quality Pipeline

End-to-End Execution Evidence

Region: eu-west-1
Executed by: Chimmuanya Mogbo
Date: 2025-12-05

S3 Input (CSV Upload)

508012525512-data-qc-input

bad_age_out_of_range.csv

December 5, 2025, 10:36:10 UTC+01:00

File details:

Size: 2.4 KB

Type: CSV

Lambda Invocation (CloudWatch Logs)

data-qc-lambda-project1-data-qc

```
INIT_START Runtime Version: $LATEST
START RequestId: 12345-abcd
Processing file: bad_age_out_of_range.csv
Validating data...
Data validation complete
Generating QC report...
REPORT RequestId: 12345-abcd Duration: 1250.00 ms
```

QC JSON Output (Reports Folder)

reports/

bad_age_out_of_range.csv.qc.json

December 5, 2025, 10:36:17 UTC+01:00

QC Report:

```
{
  "num_rows": 100,
  "num_columns": 5,
  "columns_present": ["id", "name", "age", "email"], ...
}
```

CSV Upload

S3 Event

Lambda

QC JSON

Reports/

✓ End-to-end pipeline execution proven