

# ETL Pipeline Runbook

Use this template to operational runbook for [ETL pipeline] failures and reruns.

## Template Metadata

Field	Details
Category	Data, AI & Analytics
Owner	[Team or owner]
Version	[Version number]
Effective Date	[Date]
Review Cycle	[Monthly / Quarterly / Annual / Event-based]
Status	[Draft / In Review / Approved]

## Pipeline Summary

Describe source, destination, business purpose, and expected runtime.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

## Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Schedule

Document trigger type, frequency, SLA, and maintenance windows.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

### Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Dependencies

List upstream feeds, credentials, queues, warehouses, and downstream reports.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

### Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Failure Triage

Provide alert meanings, log locations, common failure causes, and diagnostic commands.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

## Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Rerun Procedure

Give numbered steps for safe backfills, partial reruns, and rollback criteria.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

## Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Data Checks

List row count, freshness, reconciliation, schema, and duplicate checks.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

## Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Escalation

Name owners, paging policy, and stakeholder notifications. Use Markdown checklists, tables, and code blocks where useful.

Item	Details	Owner	Status
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]
[Item or requirement]	[Describe the relevant detail, evidence, or decision]	[Owner]	[Open / Complete]

## Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

## Review and Signoff

Document review conclusions, approvals, unresolved items, and next review date.

Role	Name	Date	Notes
Preparer	[Name]	[Date]	[Notes]
Reviewer	[Name]	[Date]	[Notes]
Approver	[Name]	[Date]	[Notes]