AIREA

PRACTICAL PRODUCT WALKTHROUGH

Investigate Late Orders in AIREA

Ask a business question, inspect what supports the answer and share a result your colleague can review.

01

EXPLORE

Ask and follow up

02

ANALYZE

Inspect and pin evidence

03

SHARE

Review the current result

ONE QUESTION / CHECKED OUTPUTS / REVIEWED HANDOFF

Use this exercise during a demo or pilot. The companion pack contains a small reference case and checked answers. Record the outputs you actually observe in AIREA.

The reference case is not a measured AIREA performance result or a customer engagement.

01 / PREPARE

Start with one question and its source

An operations manager wants to choose which late order lines need investigation first. Before using AIREA, confirm that an approved source is available for the exercise. The reference pack has three small tables; it does not imply a particular upload or connector workflow.

Source table	Needed fields
Order lines	Original line ID, warehouse, original promised day, required units and full cancellations.
Dispatch events	Line ID, dispatched quantity and local dispatch time, including partial dispatches.
Historical allocation and release	Usable allocation, hold status and release time. One historical snapshot is missing.

Agree on the rules that the answer must use:

Rule	For this exercise
Count	Each original order line once; combine its partial dispatches.
Period	Original promised dates October 1-31, 2026.
Late	Full required quantity not dispatched by the original promised local day end.
Cutoff	Records through November 5, 2026, local day end, America/Toronto.
Open / cancelled	Keep eligible open lines. Exclude full cancellations on or before the original promise; keep later cancellations in the late group.
Missing promise	Leave eligibility unresolved; do not substitute a revised promise.

Keep the reference answers separate from product output. The workbook has fields for what you observe, differences and the next check.

02 / EXPLORE

Ask for the first comparison

Start an analysis in AIREA. In Ask AIREA, enter the question with its counting rules:

> Compare East and West order lines originally promised for dispatch October 1-31, 2026. Count each original line once, combining partial dispatches. A line is late when its full required quantity was not dispatched by the end of the original promised local day in America/Toronto. Use records through November 5 local day end. Keep eligible open lines; exclude full cancellations on or before the promise and keep later cancellations as late. Show missing original promises separately. Give eligible lines, late lines and late rate by warehouse and combined.

Review the answer and its Generated Outputs. Open the table behind the comparison. Check the counts as well as the percentages.

CHECKED REFERENCE ANSWER - NOT AN OBSERVED AIREA OUTPUT

Warehouse	Eligible lines	Late lines	Late rate
East	10	6	60%
West	10	4	40%
Combined	20	10	50%

The source has 22 lines: 20 eligible, one excluded cancellation and one unresolved original promise. East is the first group to inspect because it has more late lines at equal volume.

> Follow up: List the East late-line IDs. For each, show required units, units dispatched by the original promise and its status at the review cutoff. Keep completed late, still open and cancelled after promise distinct.

Reference IDs: E01, E03, E04, E06, E08 and E10. Four completed late; E06 remains open; E10 was cancelled after its promise. Record any difference before continuing.

03 / ANALYZE

Inspect how the output was made

Open the generated comparison in full view. Switch from Output to Lineage. In AIREA's Lineage View, review How It Was Made and Process Steps, then compare the classifications with source records.

CHECK THREE LINES

Line	Check	Reference answer
E03	Was a partial dispatch treated as complete?	Four of ten units dispatched by the promised day; six followed later. One late line.
C01	Was cancellation handled at the right date?	Cancelled October 16, before its October 17 promise. Excluded.
M01	Was a missing promise filled or dropped?	October eligibility unresolved and reported separately.

If E03 differs, ask: Show how E03 was classified. Compare its cumulative dispatch quantity by the end of October 7 with its ten required units. Explain which records were included.

The steps should let you inspect the original-promise period, line-level count and treatment of partial dispatches. Readable steps do not establish correctness on their own. Check the source and note whether a difference came from missing data, an unclear rule or the generated analysis.

Keep a discrepancy open until the relevant source record and a corrected output have been checked.

04 / EXPLORE FURTHER

What was ready to move?

Stay with the six East late lines. A current stock balance cannot show what was available to each line at the time.

For the six East late lines, compare units still due at 17:00 on each original promised day with usable units allocated then. Check active release-blocking holds. Classify each line as ready, not ready or unresolved. Use America/Toronto local time and keep missing historical snapshots visible.

CHECKED REFERENCE ANSWER - NOT AN OBSERVED AIREA OUTPUT

Readiness	Lines	What it means
Ready	E01, E03, E04, E08	Enough usable allocation for units still due; no active release-blocking hold.
Not ready	E10	Readiness conditions not met.
Unresolved	E06	Historical allocation snapshot missing.

E03 had six units still due at 17:00 and six usable units allocated, with no hold. Its earlier four-unit dispatch belongs in the quantity calculation.

Follow up: Show release times for E01, E03, E04 and E08. Which were released by 08:00 on the next local calendar day after their original promise? Keep any later release visible.

Reference: E01, E03 and E08 met that time; E04 was later. The comparison is three of four ready late lines. Verify the second output kept the same four-line population and did not turn E06 into a false zero.

The pattern calls for a release review. It does not establish why release waited or whether earlier release would have prevented a late dispatch.

05 / ANALYZE

Pin the evidence and add context

In Analysis Details, check that Pinned Evidence contains the outputs needed for the handoff:

Pin	Purpose
Warehouse comparison	Shows East 6/10 versus West 4/10.
East late-line review	Keeps each line classification visible.
Readiness and release	Supports the review of four ready late lines and the missing snapshot.

Add the business rules and limits in Key Context. This text is a model for the exercise; revise it for your actual source:

> Count original order lines promised October 1-31, 2026, using dispatch records through November 5 local day end in America/Toronto. Partial dispatches remain one line. Readiness means sufficient usable allocated units for the quantity still due at 17:00 on the original promised day, with no release-blocking hold. E06 lacks a historical readiness snapshot; M01 lacks an original promise. Release timing identifies records to review. Cause is unconfirmed. Next step: East warehouse release review.

Check that the pinned outputs and context agree. If a follow-up changed the population or corrected a calculation, pin the corrected evidence and make the new rule clear. Add a real review owner and date when you run your own evaluation.

A proposed explanation stays a proposal until the records and owner confirm it.

06 / ANALYZE

Generate and review the Analysis Result

With evidence and context in place, generate the Analysis Result. If one already exists and you changed its evidence or context, use Ask AIREA to refresh.

REFERENCE CONCLUSION - COMPARE WITH THE RESULT YOU ACTUALLY SEE

> East has six late lines among ten eligible October lines, compared with four of ten at West. Four East late lines were ready at the agreed release cutoff. Three of those, E01, E03 and E08, were released by 08:00 the following morning; E04 was later. Review the release rules and exceptions for these four lines with the East warehouse lead. E06 needs its missing readiness snapshot checked, and M01 needs its original promise resolved. The records do not establish the cause of the dispatch delays.

Review the generated result against the pinned outputs:

Check	What a usable result does
Numbers	Keeps counts and line IDs consistent with checked outputs.
Limits	Makes missing data and the unconfirmed cause visible.
Next step	Calls for a supported operating review, not an automatic decision.

If the result misses something material, revise the relevant evidence or Key Context and generate it again. Record the gap until the corrected result is checked.

07 / SHARE

Test the handoff with a colleague

Use Share when the Analysis Result is current. Sharing includes the result, Pinned Evidence and Key Context. If you change evidence or context, generate the result again before sharing.

During a pilot, confirm the colleague's access and complete the sharing step. Ask them: Which lines would you investigate, what supports that choice, and what remains unknown? Record whether they received the intended analysis package and understood its limits. Leave the handoff unresolved if it was not completed.

Decision	Record
Accepted	The checked answer, useful follow-up and completed handoff support this use.
Accepted with conditions	Name the condition, owner and retest.
Unresolved	State the missing evidence or unfinished step.

Use the workbook to capture observed outputs, discrepancies, next checks and the colleague's review. Keep the supplied reference values unchanged.

The reference pack also holds separate supplier, returns and inventory exercises. Try one only when it reflects a question your team needs to answer; do not fold their numbers into this late-order case.

Bring one operating question and its approved source to an AIREA pilot.

Request an AIREA pilot discussion | Read the late-shipment article

The checked numbers come from the supplied reference case, not a measured customer result or a verified AIREA run. Confirm access, source mapping and sharing behavior in your own environment.