CASE OVERVIEW

Fictional purchase-request process-mining case

Project boundary

An entirely fictional purchase-request process uses event logs to compare the designed workflow with the process that actually occurred. The case separates discovery, conformance and performance observations from causal claims and improvement decisions.

Reference metrics

1,200 fictional purchase requests; median end-to-end time 9.8 days; Top 5 variants cover 61% of cases; 27% contain at least one rework loop; Baseline reference-route conformance: 54%; Pilot cohort 300 cases; median lead time 6.1 days; rework 12%; Observed variant differences are descriptive until a separate causal test supports a mechanism

Evidence caution

All values are fictional and illustrate documentation logic only.

Completed example | PM-D01 Process-mining opportun

Question

Create a concise evidence record for process-mining opportunity and customer harm within the Define phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: 1,200 fictional purchase requests; median end-to-end time 9.8 days. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded process-mining opportunity and customer harm entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Define evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

DEFINE

Completed example | PM-D02 DMAIC process-mining ch

Question

Authorize the project with a bounded problem, outcome, scope, ownership and decision route.

Fictional evidence

Fictional case cue: Top 5 variants cover 61% of cases; 27% contain at least one rework loop. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded dmaic process-mining charter entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Define evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-D03 Case population and proc

Question

Create a concise evidence record for case population and process boundary within the Define phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Baseline reference-route conformance: 54%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded case population and process boundary entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Define evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-D04 Customer outcome and C

Question

Create a concise evidence record for customer outcome and ctq within the Define phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Pilot cohort 300 cases; median lead time 6.1 days; rework 12%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded customer outcome and ctq entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Define evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-M01 Source-system inventory

Question

Create a concise evidence record for source-system inventory within the Measure phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: 1,200 fictional purchase requests; median end-to-end time 9.8 days. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded source-system inventory entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Measure evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-M02 Case ID quality check

Question

Create a concise evidence record for case id quality check within the Measure phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Top 5 variants cover 61% of cases; 27% contain at least one rework loop. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded case id quality check entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Measure evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-M03 Activity-name dictionary

Question

Create a concise evidence record for activity-name dictionary within the Measure phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Baseline reference-route conformance: 54%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded activity-name dictionary entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Measure evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-M04 Timestamp definition

Question

Create an operational definition for timestamp definition that two independent reviewers can apply consistently.

Fictional evidence

Fictional case cue: Pilot cohort 300 cases; median lead time 6.1 days; rework 12%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded timestamp definition entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Measure evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-M05 Event-order rule

Question

Create a concise evidence record for event-order rule within the Measure phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Observed variant differences are descriptive until a separate causal test supports a mechanism. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded event-order rule entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Measure evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-A01 Discovered process revie

Question

Create a concise evidence record for discovered process review within the Analyze phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: 1,200 fictional purchase requests; median end-to-end time 9.8 days. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded discovered process review entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Analyze evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-A02 Top-variant analysis

Question

Structure evidence for top-variant analysis so patterns can be examined without treating association as proof of cause.

Fictional evidence

Fictional case cue: Top 5 variants cover 61% of cases; 27% contain at least one rework loop. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded top-variant analysis entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Analyze evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

ANALYZE

Completed example | PM-A03 Long-tail variant analysis

Question

Structure evidence for long-tail variant analysis so patterns can be examined without treating association as proof of cause.

Fictional evidence

Fictional case cue: Baseline reference-route conformance: 54%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded long-tail variant analysis entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Analyze evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

ANALYZE

Completed example | PM-A04 Conformance deviation a

Question

Structure evidence for conformance deviation analysis so patterns can be examined without treating association as proof of cause.

Fictional evidence

Fictional case cue: Pilot cohort 300 cases; median lead time 6.1 days; rework 12%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded conformance deviation analysis entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Analyze evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-A05 Rework-loop analysis

Question

Structure evidence for rework-loop analysis so patterns can be examined without treating association as proof of cause.

Fictional evidence

Fictional case cue: Observed variant differences are descriptive until a separate causal test supports a mechanism. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded rework-loop analysis entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Analyze evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-I01 Improvement opportunity

Question

Create a concise evidence record for improvement opportunity list within the Improve phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: 1,200 fictional purchase requests; median end-to-end time 9.8 days. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded improvement opportunity list entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Improve evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-I02 Future-state flow design

Question

Create a concise evidence record for future-state flow design within the Improve phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Top 5 variants cover 61% of cases; 27% contain at least one rework loop. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded future-state flow design entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Improve evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

IMPROVE

Completed example | PM-I03 Variant simplification plan

Question

Define a controlled, reviewable plan for variant simplification plan with owners, inputs, timing and acceptance criteria.

Fictional evidence

Fictional case cue: Baseline reference-route conformance: 54%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded variant simplification plan entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Improve evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

Completed example | PM-I04 Rework-loop removal

Question

Create a concise evidence record for rework-loop removal within the Improve phase of this Process Mining Lean Six Sigma Project Forms workbook.

Fictional evidence

Fictional case cue: Pilot cohort 300 cases; median lead time 6.1 days; rework 12%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded rework-loop removal entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Improve evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

CONTROL

Completed example | PM-C01 Process-mining control pl

Question

Define a controlled, reviewable plan for process-mining control plan with owners, inputs, timing and acceptance criteria.

Fictional evidence

Fictional case cue: 1,200 fictional purchase requests; median end-to-end time 9.8 days. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded process-mining control plan entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Control evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

CONTROL

Completed example | PM-C02 Event-log monitoring

Question

Monitor event-log monitoring with an explicit trigger, reaction and accountable owner.

Fictional evidence

Fictional case cue: Top 5 variants cover 61% of cases; 27% contain at least one rework loop. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded event-log monitoring entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Control evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

CONTROL

Completed example | PM-C03 Conformance monitoring

Question

Monitor conformance monitoring with an explicit trigger, reaction and accountable owner.

Fictional evidence

Fictional case cue: Baseline reference-route conformance: 54%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded conformance monitoring entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Control evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.

CONTROL

Completed example | PM-C04 Variant monitoring

Question

Monitor variant monitoring with an explicit trigger, reaction and accountable owner.

Fictional evidence

Fictional case cue: Pilot cohort 300 cases; median lead time 6.1 days; rework 12%. Use this only as invented practice data; replace it with controlled project evidence.

Worked record

The fictional team records a bounded variant monitoring entry, identifies the controlled source, states the result and notes the decision consequence.

Decision

Control evidence is accepted only for the fictional route described in this case; unresolved contradictions remain visible.