Suhas Bhairav

AI Operational Automation Prioritizer

A scoring-based blueprint to prioritize automation in Operations.

A practical, stepwise framework to identify, score, and pilot automation opportunities in Operations.

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Overview & Scoping

This guide helps Operations leaders identify high-value automation bets. It uses a 7-dimension scoring model aligned with real-world constraints.

Key move **Start with one low-risk pilot to prove the model.**

PRACTICAL CHECKLIST

01	Define target processes and data sources early.
02	Score each opportunity across seven dimensions.
03	Set threshold scores to trigger pilots.
04	Assign process owners for accountability.
05	Plan weekly, incremental experiments.
06	Document guardrails and escalation paths.
07	Measure outcomes with pre/post metrics.

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SCORING MODEL

Business leaders and operations teams

7-Dimension Scoring Framework

Rank opportunities using seven dimensions: volume, effort, value, risk, data readiness, exception rate, and change complexity. Each dimension uses a 1-5 scale to compute a total score.

Key move **Pilot only in low-risk areas to validate the model.**

PRACTICAL CHECKLIST

01	Volume: count transactions per week; aim for high-volume opportunities.
02	Effort: estimate time, people, and tool effort required.
03	Business value: estimate impact on cost, speed, and accuracy.
04	Risk: assess data privacy, regulatory exposure, and decision sensitivity.
05	Data readiness: availability and quality of required data.
06	Exception rate: frequency of unusual cases needing human review.
07	Change complexity: effort to modify workflows, docs, and governance.

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IMPLEMENTATION

Business leaders and operations teams

Automation Playbook for Operations

Translate scores into pilots and workstreams. Define ownership, data requirements, and success metrics before starting.

Key move **Before automation, document the end-to-end workflow and approval gates.**

PRACTICAL CHECKLIST

01	Choose 1–2 high-value, low-complexity processes to pilot.
02	Automate routine, rule-based steps; keep exceptions for humans.
03	Map data sources, owners, and required tooling (RPA, AI agent, API).
04	Set success criteria: cycle time, accuracy, and error rate targets.
05	Establish guardrails: human-in-the-loop, escalation, and audit logs.
06	Run a 4–6 week pilot with weekly check-ins and a learnings log.
07	Document ownership: process owner, data steward, IT liaison.

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ABOUT THE CREATOR

Suhas Bhairav

I build AI systems that combine distributed architecture, retrieval, knowledge graphs, security, and practical workflow design. My focus is AI that can be used repeatedly by real teams: understandable, reliable, and grounded in the work people already do.

EXPERTISE

- Principal systems architecture and applied AI engineering
- Production-grade AI systems, agentic workflows, RAG, and knowledge graphs
- Full-stack workflow applications across AWS, Google Cloud, Azure, on-premise, and hybrid environments
- Practical AI implementation patterns for automotive, manufacturing, finance, logistics, cybersecurity, sales, and customer operations
- Security, governance, observability, approvals, and failure-mode thinking for operational AI systems

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