



Suhas Bhairav

AI Feature Prioritization Framework

**Practical framework for product leaders to
prioritize AI-enabled features.**

A repeatable, data-driven method to rank AI features
by impact and effort.

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AI Feature Prioritization at a Glance

This page introduces the framework and how to apply it to product roadmaps. It defines the criteria and the scoring approach.

Key move Start with a small pilot feature to test critical assumptions in 2-4 weeks.

PRACTICAL CHECKLIST

- 01** Define customer value with quantifiable impact: usage lift, revenue, retention, or cost savings.
- 02** Assess strategic fit with goals, product strategy, and available data and tech.
- 03** Gauge evidence strength via pilots, experiments, or prior results; assign confidence scores.
- 04** Automate data collection and scoring where reliable; keep human review for strategic bets.
- 05** Estimate effort and cost: engineering days, data needs, tooling, and maintenance.
- 06** Assess risk and guardrails: privacy, security, reliability, bias, and governance.
- 07** Measure reach and adoption: addressable users, platforms, and distribution channels.

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Scoring Framework and Workflow

This page defines a concrete scoring system for each criterion. It describes the cadence, ownership, and how to compute a composite score.

Key move Hold the first review with cross-functional owners before any build starts.

PRACTICAL CHECKLIST

- 01** Create a feature dossier with customer value metrics, data needs, and success criteria.
- 02** Score 1-5 per criterion: value, fit, evidence, effort, risk, reach, urgency, learning.
- 03** Weight criteria by stage; early stage prioritizes value and learning.
- 04** Compute composite score and rank: top bets become priorities.
- 05** Maintain a lightweight backlog: hypotheses, owners, experiments, and timelines.
- 06** Data and tools: analytics, experimentation platform, user research notes, product docs.
- 07** Clarify approvals and ownership for each feature.

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Adoption Roadmap and Governance

This page details a practical 8-week adoption plan with weekly increments. It covers governance, guardrails, approvals, and measurement.

Key move Document learnings in real time to avoid repeating past misalignments.

PRACTICAL CHECKLIST

- 01** Week 1: train teams on criteria and scoring; select 3 candidate AI features.
- 02** Week 2: gather data, define success metrics, and map data requirements for each feature.
- 03** Week 3: score features, compute composite scores, and finalize priorities for two pilots.
- 04** Week 4: design lightweight experiments, specify success criteria, and prepare data tools.
- 05** Week 5: appoint product owners, establish governance, and secure required approvals.
- 06** Weeks 6-8: run pilots, collect results, iterate scores, and update backlog.

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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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