AI PRODUCT MANAGEMENT 2 · DETAILED COURSE

AI Product Tools and Ecosystem

The tools a modern AI PM should recognise and know when to use. Tool features change quickly, so always check the official site.

Chapter 21 of 26 · 32 topics · Edition 2026 · skillnavora.in

CHAPTER 21

AI Product Tools and Ecosystem

The tools a modern AI PM should recognise and know when to use. Tool features change quickly, so always check the official site.

ChatGPT

OpenAI's assistant for writing, analysis, coding and research, with custom GPTs and tools.

OpenAI's assistant for writing, analysis, coding and research, with custom GPTs and tool integrations. Use it to draft, summarise and test ideas; check current features on the official site.

Claude

Anthropic's assistant and API, known for long documents, writing and coding, with projects and tool use.

Anthropic's assistant and API, known for long documents, writing and coding, with projects and tool use. Use it for reviewing long specifications and drafting PRDs.

Gemini

Google's multimodal assistant and models, integrated with Workspace and Google Cloud.

Google's multimodal assistant and models, integrated with Workspace and Google Cloud. Useful when your documents live in Google Drive.

Perplexity

An answer engine that searches the web and cites sources.

An answer engine that searches the web and cites sources. Good for quick, sourced research; still verify the sources it cites.

NotebookLM

Google's tool for questioning and summarising your own uploaded sources.

Google's tool for asking questions of and summarising your own uploaded sources. Useful for synthesising interview notes or research reports.

Cursor

An AI code editor that edits code across a project with a chat and agent mode.

An AI code editor that edits code across a project through chat and agent modes. PMs use it to prototype small tools; engineers use it for production code.

Lovable

A prompt-to-app builder for quickly generating web apps with a backend.

A prompt-to-app builder that generates web apps with a backend. Good for fast prototypes to test with users.

Replit

A browser-based development environment with an AI agent that builds and hosts apps.

A browser development environment with an AI agent that builds and hosts apps. Useful for quick prototypes and demos.

Bolt

A browser tool that generates and runs full-stack web apps from prompts.

A browser tool that generates and runs full-stack web apps from prompts. Use it to prototype flows for user testing.

n8n

An open-source workflow automation tool with AI and agent nodes.

An open-source workflow automation tool with AI and agent nodes. Good for connecting tools and automating internal processes.

Make

A visual automation platform connecting apps through scenarios.

A visual automation platform connecting apps through scenarios. Useful for no-code integrations with clear branching.

Zapier

No-code automation linking thousands of apps through triggers and actions.

No-code automation linking thousands of apps through triggers and actions. Quick for simple automations, but costs rise with volume.

LangChain

Framework for LLM applications, tools and retrievers.

A framework for LLM applications with tools, chains and retrievers. Understand it at a conceptual level to discuss implementation with engineers.

LangGraph

Graph-based orchestration for stateful agents.

Graph-based orchestration for stateful agents with loops and human checkpoints. Useful when an agent must follow a branching process.

LlamaIndex

Framework for data ingestion, indexing and retrieval.

A framework for data ingestion, indexing and retrieval. Relevant when your main challenge is connecting models to documents.

CrewAI

Multi-agent framework with role-based teams.

A multi-agent framework with role-based teams. Test whether separate agent roles improve results before adopting it.

Pinecone

Managed vector database.

A managed vector database. Relevant when you evaluate retrieval infrastructure for a RAG product.

Weaviate

Open-source vector database with hybrid search.

An open-source vector database with hybrid search. Consider it when you need self-hosting and hybrid retrieval.

Chroma

Lightweight open-source vector store.

A lightweight open-source vector store, common in prototypes. Check production readiness before scaling.

Postman

API testing and documentation tool.

A tool for testing and documenting APIs. PMs use it to understand and check integrations.

GitHub

Code hosting, pull requests, issues and automation.

Code hosting, pull requests, issues and automation. PMs read pull requests and documentation to follow releases.

Figma

Collaborative interface design and prototyping.

Collaborative interface design and prototyping. Learn to read components and comment on designs.

Jira

Issue and sprint tracking.

Issue and sprint tracking. Learn the team's workflow and keep tickets clear and current.

Linear

Fast, minimal issue tracking for product and engineering teams.

Fast issue tracking for product and engineering teams. Its simple workflow suits small teams.

Notion

Workspace for docs, wikis and lightweight databases, with built-in AI.

A workspace for docs, wikis and lightweight databases, with built-in AI. Good for shared product documentation.

Mixpanel

Event-based product analytics.

Event-based product analytics for funnels, retention and cohorts. Used to answer everyday product questions.

Amplitude

Product analytics with cohorts, journeys and experiments.

Product analytics with cohorts, journeys and experimentation. Used for behavioural analysis at scale.

LangSmith

Tracing, evaluation and monitoring for LLM applications.

Tracing, evaluation and monitoring for LLM applications. Use it to inspect why an AI response was produced.

Arize Phoenix

Open-source observability and evaluation for LLM apps.

Open-source observability and evaluation for LLM applications. Useful for tracing and evaluating retrieval quality.

MLflow

Open-source platform for experiment tracking, model registry and deployment.

An open-source platform for experiment tracking, model registry and deployment. It records which model and parameters produced which result.

Cloud AI Platforms

Managed AI services: Amazon Bedrock, Azure AI Foundry and Google Vertex AI.

Managed AI services such as Amazon Bedrock, Azure AI Foundry and Google Vertex AI. They combine model access, security controls and monitoring in one place.

AI Evaluation Platforms

Tools that manage test sets, scoring and regression checks for LLM apps, such as LangSmith, Braintrust and Arize.

Tools that manage test sets, scoring and regression checks for LLM applications, such as LangSmith, Braintrust and Arize. Choose one that fits your stack and data rules.

Summary of terms

Term	Meaning
ChatGPT	OpenAI's assistant for writing, analysis, coding and research, with custom GPTs and tools.
Claude	Anthropic's assistant and API, known for long documents, writing and coding, with projects and tool use.
Gemini	Google's multimodal assistant and models, integrated with Workspace and Google Cloud.
Perplexity	An answer engine that searches the web and cites sources.
NotebookLM	Google's tool for questioning and summarising your own uploaded sources.
Cursor	An AI code editor that edits code across a project with a chat and agent mode.
Lovable	A prompt-to-app builder for quickly generating web apps with a backend.
Replit	A browser-based development environment with an AI agent that builds and hosts apps.
Bolt	A browser tool that generates and runs full-stack web apps from prompts.
n8n	An open-source workflow automation tool with AI and agent nodes.
Make	A visual automation platform connecting apps through scenarios.
Zapier	No-code automation linking thousands of apps through triggers and actions.
LangChain	Framework for LLM applications, tools and retrievers.
LangGraph	Graph-based orchestration for stateful agents.
LlamaIndex	Framework for data ingestion, indexing and retrieval.
CrewAI	Multi-agent framework with role-based teams.
Pinecone	Managed vector database.
Weaviate	Open-source vector database with hybrid search.
Chroma	Lightweight open-source vector store.
Postman	API testing and documentation tool.
GitHub	Code hosting, pull requests, issues and automation.
Figma	Collaborative interface design and prototyping.
Jira	Issue and sprint tracking.
Linear	Fast, minimal issue tracking for product and engineering teams.
Notion	Workspace for docs, wikis and lightweight databases, with built-in AI.
Mixpanel	Event-based product analytics.
Amplitude	Product analytics with cohorts, journeys and experiments.
LangSmith	Tracing, evaluation and monitoring for LLM applications.
Arize Phoenix	Open-source observability and evaluation for LLM apps.
MLflow	Open-source platform for experiment tracking, model registry and deployment.
Cloud AI Platforms	Managed AI services: Amazon Bedrock, Azure AI Foundry and Google Vertex AI.
AI Evaluation Platforms	Tools that manage test sets, scoring and regression checks for LLM apps, such as LangSmith, Braintrust and Arize.

Practice exercise: Pick one tool per category (assistant, builder, automation, vector store, observability) and write when you would use it and when you would not.

Self-check

1. Explain ChatGPT in two sentences to a non-technical stakeholder, then say what you would measure for it.
2. Explain Pinecone in two sentences to a non-technical stakeholder, then say what you would measure for it.
3. Explain AI Evaluation Platforms in two sentences to a non-technical stakeholder, then say what you would measure for it.

Related SkillNavora material

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- AI Tutor : Ask questions on any topic.
- Study Library : Every lesson, class and PDF by programme.

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ORIGINAL CONTENT

Original AI Product Management content

The AI Product Management programme already on SkillNavora, included unchanged so the full course is in one place.

Quick links Study Library (all material) Learning sites for PM AI builder tools (how-to) Webhooks & Playwright MCP Webhook URLs and keys (start here) AI Skills Academy AI Skills Map Context engineering (PDF) AI skills & templates (PDF) Orchestration (PDF) PRD library (120 ideas) AI PRD Writer AI PM Toolkit AI Evals (PDF) Browser automation (PDF) AI second brain (PDF) PM handbook Top 100 PM questions AI product sense Q&A (86) PM practice test Practice Lab Tool tutorials AI Agents & MCP for PMs

PRD documents

PRD library: template, framing guide and 120 PRD ideas

Learn how top PMs frame a PRD, download the free template, and turn any of 120 ideas across 15 industries into a full PRD with AI.

Open the PRD library ✨ AI PRD Writer PRD template (Word) AI Evals for PMs (PDF)

Context window

Context window: what a model can see at once

The context window is the most tokens a model can consider in one request. It covers your prompt, any documents you paste, the conversation so far and the reply. Anything outside it is invisible to the model. For PMs: a longer window fits more material but costs more and can slow responses; put the most important facts near the instructions; use retrieval (RAG) rather than pasting whole libraries; and test answers on long inputs, where quality can drop.

Context engineering course Context windows in the AI PM 2 course

Tokens and context in the Grokbot course

AI-First Product Management

Resources for Product Managers

The PM Master Handbook, AI and product tools with their official websites, interview practice, a frameworks cheat sheet, a PRD template and free courses.

Open the PM handbook library: all 68 PDFs ↗ PM Glossary Handbook Tokens, Pricing and Tokenization Vibe Coding addendum

PM Master Handbook by SkillNavora
23 modules and 620+ pages: 12 Product Core modules, an 11-class AI Tools Lab, frameworks, case studies, projects and interview prep.

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Product Core modules

1Fundamentals of Product Management*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
2Product Strategy and Strategic Thinking*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
3Problem Discovery and Market Research*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
4Problem Framing and Prioritization*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
5UX and Design Collaboration*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
6Effective Communication and Stakeholder Management*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
7Product Analytics and Metrics*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
8Product Launch, Growth, and Monetization*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
9Tech 101 and System Design for PMs*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
10LLMs, RAGs, and AI Foundations*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
11Vibe Coding for Product Managers*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides
12Agentic AI and AI Systems*Handbook chapter, detailed PDF, handbook and class slides*PDF Detailed PDF Handbook Class Slides

AI Tools Lab

13AI Tools Landscape and Your Starter StackPDF ↗ 14Claude for Daily PM WorkPDF ↗ 15Claude Code: Basic to AdvancedPDF ↗ 16Lovable: Basic to AdvancedPDF ↗ 17Replit and Other AI App BuildersPDF ↗ 18Figma and AI Design ToolsPDF ↗ 19Notion, PRD Tools and AI DocumentationPDF ↗ 20Automation with Zapier, Make and n8nPDF ↗ 21AI Chatbots for BusinessPDF ↗ 22Voice Agents for BusinessesPDF ↗ 23Learning Paths, Courses and CommunitiesPDF ↗

Business AI Stack (chapters 24 to 31)

24The business AI stack: tools and where to learn themPDF ↗ 25Next.js: customer-facing dashboardsPDF ↗ 26Zoho CRM: managing customers and leadsPDF ↗ 27WhatsApp Business Platform: customer messagingPDF ↗ 28Deployment with Vercel and AWSPDF ↗ 29Jira: tracking product and development workPDF ↗ 30Meta Business Suite, social media marketing and Google AdsPDF ↗ 31A one-page website that generates leadsPDF ↗

Complete AI tool guides (15)

1n8n: workflows, Gmail and an AI reply agentPDF ↗ 2Make: scenarios, routers and lead routingPDF ↗ 3Zapier: invoices from Gmail to Drive and a sheetPDF ↗ 4Webhooks: how apps talk in real timePDF ↗ 5Replit: one app for the web and a phonePDF ↗ 6Lovable: a job application trackerPDF ↗ 7Figma: components, auto layout and handoffPDF ↗ 8Claude Code: an AI coding agent in your projectPDF ↗ 9MCP: connecting AI assistants to your toolsPDF ↗ 10LLMs: how they work and how to call themPDF ↗ 11RAG: answers from your own documentsPDF ↗ 12AI agents: a job-search agent with approvalsPDF

↗ 13Agentic AI: planning, guardrails and teamsPDF ↗ 14Generative AI: uses, limits and a weekly reportPDF ↗ 15Other AI tools: choosing one per jobPDF ↗

Complete AI tool guides (one PDF, 30 pages) ↗

Libraries

★Framework Library*29 frameworks with worked examples and templates*PDF ↗ ★Case Study Library*12 product case studies*PDF ↗ ★Practical Projects and Portfolio*5 end-to-end portfolio projects*PDF ↗ ★Interview Handbook*100+ PM interview questions with model answers*PDF ↗ ★AI Tools Lab*Every AI tools class with step-by-step labs*PDF ↗

PM interview practice (free, on the original sites)

Hand-picked public question banks and guides from other PM communities. Each link opens the original page in a new tab.

PM frameworks cheat sheet

Framework	Use it to	How it works
RICE	Prioritise a backlog	Reach × Impact × Confidence ÷ Effort. Score each idea, then sanity-check the ranking.
Kano	Decide which features delight	Classify features as Must-be, Performance, Attractive, Indifferent or Reverse using a short survey.
MoSCoW	Scope a release	Must have, Should have, Could have, Won't have (this time).
Jobs-to-be-done	Understand motivation	When [situation], I want to [motivation], so I can [outcome].
AARRR (Pirate metrics)	Map the growth funnel	Acquisition, Activation, Retention, Referral, Revenue.
HEART	Measure user experience	Happiness, Engagement, Adoption, Retention, Task success, each with goals, signals and metrics.
North Star metric	Align the team	One metric that captures the value users get, supported by input metrics the team can move.
Five whys	Find the root cause	Ask 'why?' repeatedly until you reach a cause you can act on.
CIRCLES	Answer product design questions	Comprehend, Identify users, Report needs, Cut through prioritisation, List solutions, Evaluate trade-offs, Summarise.

PRD template

PRD: [Feature name] Owner: [Name] · Status: Draft · Last updated: [Date] 1. Problem Who has the problem, what it is, and the evidence (data, interviews, tickets). 2. Goal and success metrics Primary metric (with baseline and target), secondary metrics, guardrails. 3. Users and use cases Target segment, top 3 user stories: "As a [user], I want [action] so that [benefit]." 4. Solution What we'll build (link designs), what's out of scope, open questions. 5. AI behaviour (if applicable) Inputs, model, prompt/approach, what it must never do, human review, evaluation set and pass criteria, cost per request. 6. Launch plan Experiment design, rollout stages, support and comms, rollback criteria. 7. Risks and dependencies Technical, legal/privacy, operational; owners and mitigations.

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