Enterprise AI Marketplace: A Scalable, Secure Platform for AI Democratization Across the Enterprise

Executive Summary:

As enterprises accelerate AI adoption, they face a proliferation of disconnected tools, vendor silos, inconsistent governance, and uncontrolled costs. Without a unified framework, business units operate in isolation—slowing innovation, increasing risk, and duplicating effort.

People Tech's Enterprise AI Marketplace is a purpose-built solution that addresses these challenges by creating a centralized, governed platform where AI tools, models, and services can be securely discovered, deployed, and managed at scale. It empowers every business unit to harness AI—without sacrificing security, compliance, or cost efficiency.

1.The Enterprise AI Adoption Challenge

Organizations increasingly rely on AI to transform business processes, enhance decision-making, and unlock new revenue streams. However, enterprise-wide adoption is often hindered by:

01

Siloed procurement and deployment of AI tools across business units

02

Redundant spending and lack of visibility into usage and ROI

03

Siloed procurement and deployment of AI tools across business units

04

Fragmented governance risking compliance breaches

05

Lack of scalability to support high-demand AI workloads

These challenges demand a new approach—an internal AI marketplace with the agility of self-service and the control of enterprise IT.

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2. Solution Overview: Enterprise AI Marketplace

The Enterprise AI Marketplace is a centralized, organization-wide platform for managing the lifecycle of AI tools, models, and services. It serves as a curated internal storefront, giving users easy access to pre-approved AI capabilities under a unified governance framework.

3.Key Capabilities

3.1 Centralized AI Tool Access

Single entry point for all approved AI tools, models, and agents.

01

Catalog includes internal assets, open-source models, and commercial APIs

02

Advanced search, filtering, and documentation for discovery

Benefit: Empowers business units with ready-to-use AI while ensuring alignment with IT policies.

3.2 Unified Vendor Management

Centralized contract repository and vendor performance tracking

01

Consolidated license and API token management

02

Unified procurement with enterprise-level negotiations

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> **Benefit:** Reduces costs, simplifies renewals, and improves vendor accountability.

3.3 Cost Optimization & Usage Analytics

Real-time dashboards for AI usage, token consumption, and cost trends

01

Department-level budgeting and quota management

02

Alerts for overages, underutilization, or redundant usage

> **Benefit:** Maximizes ROI on AI investments and curtails budget overruns.

3.4 Interoperability & Integration

Native connectors for top AI vendors (e.g., OpenAI, AWS Bedrock, Azure AI, Hugging Face)

01

Support for REST, GraphQL, gRPC, and custom plugins

02

Model routing and orchestration for hybrid use cases

> **Benefit:** Ensures future-proofing as new models and tools emerge.

3.5 Governance & Compliance

Automated enforcement of security, privacy, and usage policies

01

Role-based access controls and audit trails

02

AI risk assessments and contract intelligence using NLP

03

Alignment with GDPR, HIPAA, SOC 2, and internal policies

Benefit: Enables rapid, compliant scaling of AI without regulatory exposure.

3.6 Self-Service Deployment

No-code/low-code interface for model selection, fine-tuning, and prompt chaining

01

Shared prompt libraries and reusable agent templates

02

Integrated workflow builders for automating decision tasks

Benefit: Reduces dependence on engineering teams while accelerating experimentation.

3.7 Scalability & Performance

Cloud-native architecture with Kubernetes orchestration

01

Auto-scaling compute and serverless execution options

02

Centralized GPU/CPU resource pooling and monitoring

Benefit: Supports compute-intensive use cases like vision, NLP, and generative AI at scale.

3.8 Collaboration & Knowledge Sharing

AI workspace for teams to co-develop and reuse assets

01

Organization-wide sharing of best practices, prompts, and workflows

02

Feedback loops to improve model outputs and user adoption

Benefit: Drives a culture of innovation and knowledge reuse across the enterprise.

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4. Architecture Overview

Core Layers:

01

Marketplace UI: Catalog, search, self-service deployment portal

02

Orchestration Layer: Manages model invocation, quota enforcement, usage routing

03

Integration APIs: Vendor connectors, SSO, billing systems, observability hooks

04

Governance Engine: Policy enforcement, RBAC, audit logging, legal reviews

05

Monitoring & Analytics: Cost dashboards, anomaly detection, utilization reporting

06

Scalable Infrastructure: Built on containers, microservices, and event-driven pipelines

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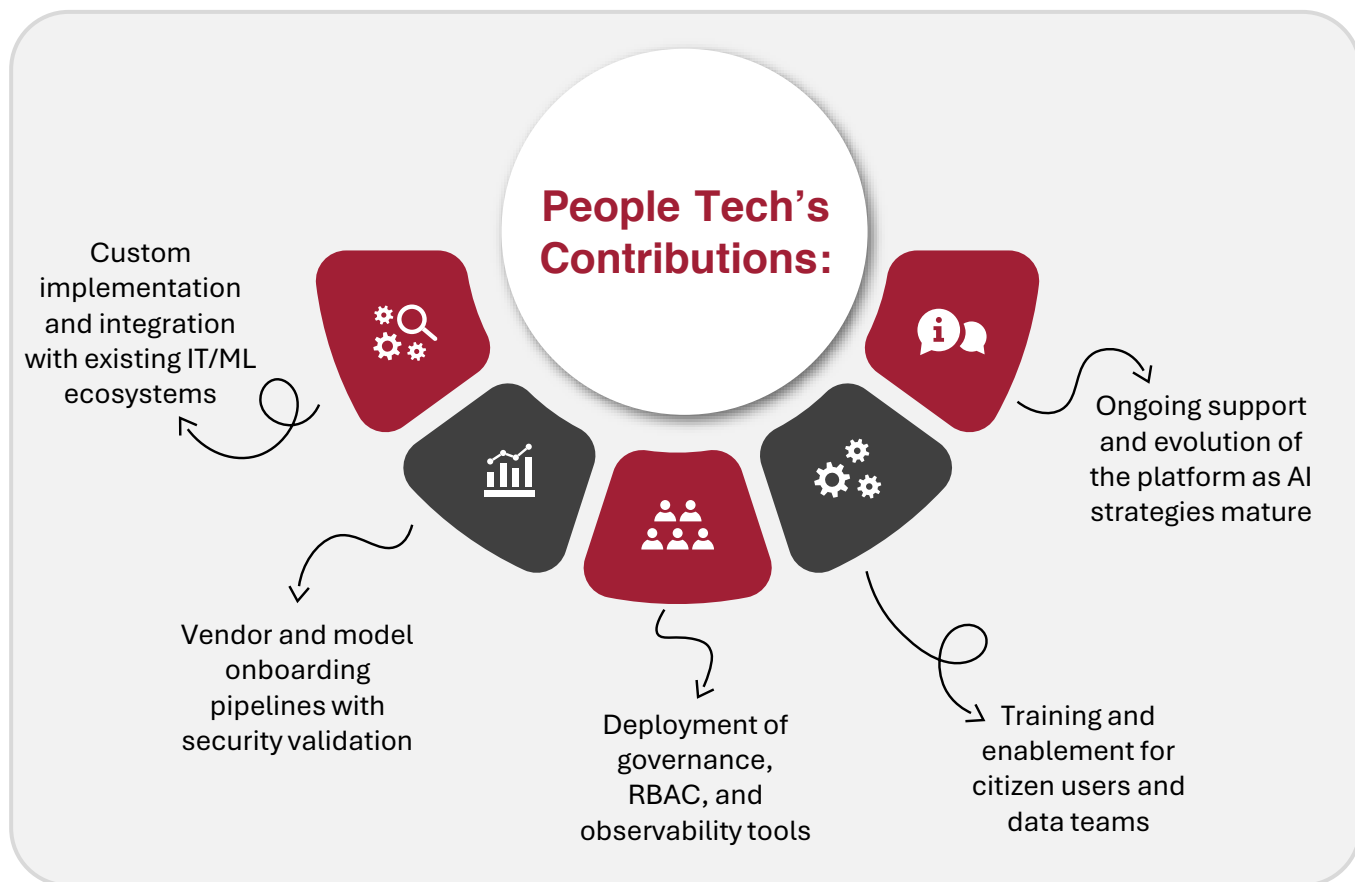A **Quest Global** Company

5. Industry Use Cases

○ **Banking:** Self-service risk scoring models for loan officers

○ **Healthcare:** HIPAA-compliant AI agent deployment for patient intake

○ **Manufacturing:** Predictive maintenance models shared across plants

○ **Retail:** Personalized AI agents for customer support

○ **Insurance:** Generative AI for policy document summarization

6. Strategic Benefits

Value Pillar	Business Impact
Cost Efficiency	Reduce AI spend via centralized quotas and reuse
Innovation Velocity	Faster experimentation with governed self-service
Operational Consistency	Enforced policies across all BUs and vendors
Risk Reduction	Streamlined compliance and contract oversight
Scalable Adoption	Central platform supports global AI growth

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7. Role of People Tech : Accelerating Delivery

As a trusted systems integrator, People Tech plays a critical role in deploying the Enterprise AI Marketplace at scale.

People Tech's Contributions:

- Custom implementation and integration with existing IT/ML ecosystems
- Vendor and model onboarding pipelines with security validation
- Deployment of governance, RBAC, and observability tools
- Training and enablement for citizen users and data teams
- Ongoing support and evolution of the platform as AI strategies mature

People Tech brings deep domain expertise, a global delivery footprint, and platform engineering capabilities to accelerate AI marketplace adoption.

8. Conclusion: Operationalizing Enterprise AI at Scale

The Enterprise AI Marketplace transforms AI from an experimental initiative into a structured, scalable, and governed enterprise capability. By unifying access, controlling cost, and simplifying compliance, it becomes a foundation for enterprise-wide innovation.

With People Tech as your integration partner, you can implement this solution rapidly, securely, and strategically—unlocking the full potential of AI across your organization.

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Thank You