AI/ML Planning

Product Code: CNS-NAI-A-AIML-WRK-PLN

At-a-Glance

Stage: Plan

The Nutanix Artificial Intelligence / Machine Learning (AI/ML) Planning provides IT teams with comprehensive, hands-on guidance for planning and implementing infrastructure for AI/ML workloads using the Generative Pre-trained Transformer (GPT) model on Nutanix Cloud Infrastructure (NCI) clusters and various cloud providers. This engagement is beneficial during the Planning stage of the AI/ML solution journey.

Related Services

- AI/ML Design
- NAI Deployment
- AI/ML Strategy & Optimization Series

Service Scope

Delivered by highly skilled consultants with strong AI/ML domain expertise and rich experience, the planning session begins with a discovery session to understand the operating environment and required outcomes. Critical areas identified during Discovery are then addressed in a customized session.

The service includes the following activities:

- Gather and analyze customer AI/ML use case, requirements, and expectations
- Assess and summarize the current state of AI/ML
- Review capacity planning and scalability considerations for the number of end users who will leverage the GPT-based application
- Identify data management considerations, including the data source, data preparation for AI/ML use, data protection, and security
- Develop a risk management plan
- Learn the importance of choosing the right large language model (LLM)
- Identify GPU selection and configuration options
- Explore options for training the model, such as using virtual machines (VMs) or container services

Project Management

Nutanix Project Management (PM) oversees Nutanix resources and aligns execution with your goals, scope, and timelines.

Core project management activities may include the following:

- Serve as a single point of contact for all project communication
- End-to-end Nutanix resource management
- Coordinate change window(s) and implementation schedules with customer

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- Track and facilitate readiness and prerequisite completion
- Conduct project kickoff/technical readiness meeting(s)
- Integrate customer resources into the high-level project timeline
- Send status update(s)
- Manage timeline(s)
- Deliver created artifacts to the customer
- Facilitate project closeout activities

Limitations

- For each quantity purchased, planning is limited to a single AI/ML use case
- Limited to infrastructure planning for AI/ML inference workloads
- Excludes design and deployment of AI/ML infrastructure workloads

Supported Hypervisors

- Nutanix AHV

Project Management

- Excludes scheduling customer resources and activities
- Excludes detailed project plan (schedule) development and management
- Excludes responsibility for creating, managing, or delivering change management communications

Prerequisites

- None

Required Product Licenses

- None

Delivered Artifacts

Delivered Artifact	Description
Customer Strategy Outline	Documents the structured strategy developed during the planning session, including the customer's goals, current infrastructure, and AI/ML maturity, as well as the recommended approach for adopting AI/ML. It defines the use cases, expected business impact, and roadmap required to validate readiness for AI/ML initiatives, while also capturing planning session feedback and outlining ongoing support needed to ensure successful implementation and operational enablement.
High-level Summary Presentation	Provides a high-level overview of the planning session, including the customer's goals, potential use cases, and readiness assessment, while presenting the platform options and next steps required to guide understanding, alignment, and decision-making for adoption.

Level of Effort

Typically up to 1 day

Delivery Type

Delivery Type	Delivery Activities
Virtual	• Virtual planning session • Virtual project management **Note:** Any in-person project management activities provided solely at Nutanix's discretion
In-person	• In-person planning session • Virtual project management **Note:** Any in-person project management activities provided solely at Nutanix's discretion

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Enterprise AI (NAI)
- Nutanix Kubernetes Platform (NKP)
- Nutanix Unified Storage (NUS)

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