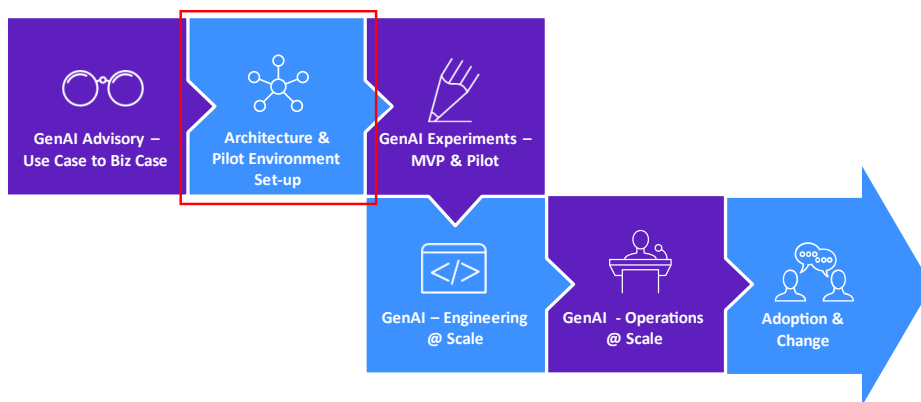


HCLTech
GenAI Architecture
Consultation &
Pilot Environment Set-up

Introduction

HCLTech's GenAI Architecture Consultation & Pilot Environment Set-up offering is a part of suite of offerings dedicated to enabling enterprises onboard the Generative AI Innovation Journey. The suite contains below offering of which one or many can be chosen by client depending on their state of maturity:

1. GenAI Advisory- Use Case to Biz Case
- 2. Architecture & Pilot Environment Set-up**
3. GenAI Experiments- MVP & Pilot
4. Gen AI- Engineering @ Scale
5. GenAI- Operations @ Scale
6. Adoption & Change



With the help of "Architecture Consultation & Pilot Environment Set-up offering", businesses may better monetize their own data and realise better and more effective business potentials by utilising the LLMs' capabilities. Some of the Key benefits to the Client include:

- Utilizing the capabilities of leading LLMs in a transparent and reliable manner
- Using internal data on externally trained LLM models
- Enhanced effectiveness and productivity
- Increased precision and quality, which leads to greater cost savings
- Using personalization to gain a competitive advantage

Service Overview

HCLTech's GenAI Architecture Consultation & Pilot Environment Set-up offering assists customers in setting-up their secure environment to experiment Generative AI use cases by leveraging our reference architecture with Azure-native Services. This enables clients to unlock innovation and elevate possibilities by harnessing advantage of LLMs with their data. This service provides professional services and GenAI Reference Architecture to accelerate the setup of Gen AI Pilot Environment leveraging Azure Native Services including OpenAI services within a 3-week period.

Scope & Objectives

With an aim to fast-track enterprises' Generative AI adoption journey, our GenAI Architecture Consultation & Pilot Environment Set-up offering enables the below objectives:

- Laying the Foundation – Foundation ecosystem leveraging underlying power of Azure OpenAI Services to enable continuous innovation
- Rapid Environment Set-up – Reference Architecture enabling rapid environment set-up, reduced design effort, reduced costs, and increased quality
- Friendly Interface – User friendly interface to facilitate co-research and co-creation Generative AI models and tasks

Innovation Framework – Facilitates the rapid creation of prototypes, enabling business stakeholders to touch and feel their ideas

Tools and accelerators

- Reference Architecture – customizable to existing data investments
- Configuration driven Gen AI Pilot Environment Services set-up

Deliverables:

A 3-phased approach, Discover-Design-Deliver will be adopted for setting up the Generative AI Pilot Environment.

Phase (Timeline)	Activities
Discover (Week 1)	<ul style="list-style-type: none">• Understand overall technical landscape, Ways of Working, Process Orientation, Security Policies (Information Security, IP Protection) etc.• Understand the needs & objectives of GenAI Pilot Environment users• Select the appropriate tools & technologies
Design (Week 2-3)	<ul style="list-style-type: none">• Leverage Reference Architecture and Create detailed design of the Pilot Environment with to-be-architecture, infrastructure, and security components aligned to Azure-native services• Gain access to the Pilot Environment and all required cloud/ software license and services
Deliver (Week 3-4)	<ul style="list-style-type: none">• Develop and prepare the Pilot Environment, ensuring proper integrations and workflows• Set-up servers, networking requirements, configure data storage and processing systems etc.• Thoroughly test the Pilot Environment to ensure it functions as needed

Outcome:

- Reference Architecture & Tool-selection
- Pilot Environment to help build use cases – that can leverage Azure Data Services, Predictive + Cognitive + Generative AI features

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