TechM Generative AI Studio™ – GenAI Xperiment as a Service (XaaS)

Generative AI is bringing a renaissance in the creator economy. This is a positively disruptive avatar of AI, taking technological capabilities much closer to human like behavior than ever before. The potential of Generative AI has renewed and captured the imagination of industry across the board – wherein while traditional AI was still being tested for its associated business value realization. Generative AI is blowing away the traditional challenges of long lifecycle of AI adoption, toil of supervised model trainings, limited outcomes in real life scenarios and finally a hesitant adoption of AI.

Generative AI however brings with it a new set of challenges which makes wider industry's entry in Generative AI journey uphill even though there is now much greater confidence in the business value realization aspects. These challenges are:

- Higher compute power needs & associated cost

- Data privacy and security concerns

- Sudden surge of many technological options claiming superior capabilities

- Un-availability of standardized architecture and methods addressing all non-functional needs including governance, legal compliance etc.

- Urgency for seeking competitive advantage despite given challenges

OUR SERVICES

1 TechM Generative AI Studio™ as an accelerator

2 Tech Mahindra's Xperiment as a Service (XaaS)

3 Enablement services towards on-boarding of the studio and XaaS adoption model for enterprises

4 Co-research and co-create services on Generative AI technologies

5 Consulting, Architecture and Implementation services for Generative AI technologies

Tech Mahindra's Generative AI Studio (TechM Generative AI Studio™) - Xperiment as a Service (XaaS) helps enterprises make a start towards addressing the listed challenges. Powered by Azure OpenAI Service and Azure AI services, the studio enables enterprises to produce high-quality content outputs faster than ever before by providing them with the structured and customized aspects of Generative AI, thus helps enterprises to adapt Generative AI in mainstream AI projects faster. The studio has also codified prompt engineering in a form that it reduces randomness in responses, and the standardization approach was adopted to generate content, taking advantage of NLP – which is extremely beneficial for enterprises.

With an aim to fast-track enterprises' Generative AI adoption journey, our **Xperiment as a Service:**

- Acts as a catalyst and enabler in Generative AI adoption; A studio to help enterprises bootstrap Generative AI.

- Provides underlying power of Azure OpenAI Service - GPT 4, GPT 3.5 and GPT 2.0

- Provides Read to Use playground for enterprises' PoC/Pilot and evaluate GenAI for industry specific use cases and real life data

- Allows enterprises to evaluate various large models (including open source ones) and compare results

- One stop lab with trials on – **Documents/Text, Code, Images, Video, Audio and Data**

- Demonstrates potential of GenAI in Content **Creation, Search, Extraction, Alteration and Enrichment**

- Facilitates co-research and co-create Generative - AI models and tasks

- Provides user friendly interface for ease of adoption

The studio is scalable, making it ideal for businesses of all sizes, from startups to large enterprises. Many of our customers are already using Generative AI Studio and deriving huge benefits. Enterprises across industries can leverage Tech Mahindra's on-premises and cloud-based, one-stop solution to bootstrap their Generative AI journey.

Please write to AIFrontdoor@TechMahindra.com for any further details on our offerings.