Enterprise Generative AI Platform with Azure Open AI for Insurance Firms

Engagement: 4 Week Proof of Concept

Generative AI revolutionizes insurance firm's ability to query and utilize proprietary data. To adopt Generative AI, firms must establish a secure knowledge base of data including correspondence, claims files (including audio, image, and video), policy files, financial records, email and so on.

SNP meets this need with an Azure Enterprise, Generative AI Platform tailored to your business requirements. This platform sets the stage to harness the power of OpenAI's GPT-family of Large Language Models (LLMs) in combination with Vector search and/or Azure Cognitive Services. Customers can:

In our 4-week engagement we work with you to identify up to two Generative AI capabilities for a proof of concept. We then architect the Generative AI platform and build a knowledge base to support your Generative AI use case.

With an Enterprise Generative AI Platform, you can...

- **Have a centralized resource** for capturing institutional knowledge, best practices, and lessons learned from past claims.
- **Expedite the claims assessment process** with automatic generation of summaries and reports for claims adjusters based on the information contained in photographs, accident reports, and other documents.
- **Implement a search system with Retrieval Augmented Generation (RAG)** so insurance professionals can quickly find critical information within vast datasets.
- **Enhance customer service** by offering timely, personalized responses, improving customer satisfaction and trust.

Engagement Deliverables

- **Enterprise Generative AI Platform deployed in a dev/test environment**
- **Proof of concept**
- **Documentation**

Next steps

- **Pilot use case scenarios**
- **Production deployment**
- **Extend to more Generative AI use cases**

Tech Stack

Your proof of concept will include Azure resources, such as:

- **Azure OpenAI Service**: ChatGPT, GPT-3.5/4, Embeddings
- **Azure AI Services**: Vector search, Bot Service, RAG methodology
- **Azure Data Services**: Synapse, Fabric, Azure SQL, Cosmos DB
- **Power Platform**: Low code Power App interface to AI agents

About SNP Technologies Inc.

SNP's consulting services help businesses of all sizes transform with innovative, cloud-based solutions that harness the power of Microsoft Azure.

We combine elements from our ISO certifications and Microsoft specializations as well as the most efficient and innovative technology tools and platforms to help our clients become more agile, more customer focused and more operationally efficient.

Microsoft Solutions Partner

Digital & App Innovation Azure

Specialist
Kubernetes on Microsoft Azure

Modernization of Web Applications

Microsoft Solutions Partner

Data & AI Azure

Specialist
Analytics

Data Warehouse Migration

Member of
Microsoft Intelligent Security Association

Microsoft

TÜV NORD
TÜV NORD CERT GmbH
ISO 22301

ISO 22301:2019:
Business Continuity Management System

Microsoft Solutions Partner

Security

Specialist
Cloud Security

Threat Protection

Microsoft Solutions Partner

Infrastructure Azure

Specialist
Windows Server & SQL Server Migration

Azure Virtual Desktop

Networking Services

TÜV NORD
TÜV NORD CERT GmbH
ISO/IEC 20000-1

ISO 20000-1:2018:
Service Management System

TÜV NORD
TÜV NORD CERT GmbH
ISO/IEC 27001

ISO 27001:2013:
Information Security Management System

Let's move forward together with confidence. We're here to help at every step.

Email us: SNP's COO Prakash Parikh: prakash@snp.com