

# Proof of Concept for Innovating Apps with Azure OpenAI

## Proof of Concept

**Duration:** 3 - 5 Days [Remote / Onsite]

**Difficulty Level:** 300 - Advanced

### Description

This experience will help validate architecture using data and scenarios. We will construct a small-scale version of your data and test the feasibility. A Microsoft Architect will be on-hand to provide guidance on customizing your solution to meet your business objectives leveraging Microsoft recommended architecture.

### Objectives

- Deploy a functional version of your solution in small scale.
- Demonstrate the business and technical value of the solution.
- Greater confidence in proposed solution architecture and its technical feasibility.
- Get hands-on experience with Azure Open AI API and create AI powered solutions.

### Outcomes

- Deliver a functional, small-scale version of the solution to determine solution feasibility and reinforce design decisions.

### Methodology

- **Ramp up** - Learn key concepts and principles needed to deploy your solution.
- **Deploy Proof-of-Concept** - Deploy a functional, small-scale Proof of Concept solution.
- **Evaluate and learn** - Evaluate the feasibility of the deployed solution and determine the solution needs at full scale.

### Requirements

#### Participants

Participation of key roles is necessary for the overall success and delivery of this engagement.

- Solution Architect
- Data Engineers
- ML Engineers
- Data Scientists

#### Skill Requirements

- Understanding of the business objectives and requirements.
- Knowledge of existing technical architecture and implementation.
- Understanding of the architecture design process and the end-to-end integration.

## Delivery Outline

The scope of this engagement will be agreed based on your specific needs. Final agenda will be determined in the scoping call.

### 3 or 5 Day Delivery Proposed Agenda

- Introduction and kick-off.
- Review the solution architecture design.
- Implement a small-scale version (POC) of design.
- Reflect on learnings and review the next step plan.

The Proof of Concept can help you envision the top capabilities of Azure OpenAI, that can include:

### Build Intelligent AI Applications | Summarization & Content Generation

- Learn how to use the Azure OpenAI service to create AI powered solutions

### Enterprise Search & Knowledge mining

- Accelerate the deployment of a Python-based Knowledge Mining solution with Azure OpenAI and use that engine to answer queries / questions specific to that Knowledge Base.

### Natural Language Processing (Chat) with Data

- This sample demonstrates a few approaches for creating ChatGPT-like experiences over your own data using the Retrieval Augmented Generation pattern. It uses Azure OpenAI Service to access the ChatGPT, and Azure Cognitive Search for data indexing and retrieval.

**For more information:** Please contact your Microsoft Representative for more details.