

BiTQ – Helping people and organisations achieve more through technology.



BiTQ Pty Ltd

Azure AI Proof of Concept (POC)

www.bitq.com.au

Introduction

We have the pleasure of sharing with you, the **BiTQ Azure AI Proof of Concept (POC)**, as detailed throughout the following pages.

Who are BiTQ

BiTQ is an Australian owned and managed business with offices across Australia, supporting a multi-disciplinary team that specialises in making data useful. We have successfully delivered projects across Australia, New Zealand, South Africa, the UK and Singapore. Our projects range across a mix of Data Science, Data Strategy, Data Engineering, Business Intelligence, Data Analytics and Data Governance. Working together, this team deliver high-quality purpose-built solutions that not only meet our client's needs, but also offer value add to organisational Data Transformation Journeys.

As an award-winning supplier of bespoke Data and AI services, BiTQ is recognised as a global leader in the delivery of tailored solutions designed to improve business processes from the ground up. We want to show you upfront that we are a proactive business that can service your needs and do what we say we will do.

Overview

Azure offers several different services that enable **AI** capabilities in your organisation. These include but are not limited to:

- Azure OpenAI Service
- Azure Machine Learning Service
- Microsoft Fabric
- Azure Databricks
- Azure Cognitive Services
- Azure AI Search
- And more...

For those organisations looking to test the capabilities of any of these **AI services** before committing to an implementation, we offer a **POC** service. We implement the agreed services within your test environment, we configure and develop as necessary, to deliver a working solution demonstrating that the technology can solve an identified use case, giving you the peace of mind that this is a suitable solution for your needs.

Our **Azure AI POC** allows you to test the waters, to confirm and quantify the benefits, before committing to implementing these services across the whole organisation. The **POC** gives you the confidence and evidence you may need to prepare a business case (if required) and will give you an appreciation for any change management or training activities that you need to plan. This is an extremely valuable approach, mitigating some of the possible risks involved.

The **BiTQ Azure AI POC** is a low-cost way to take the risk out of your adoption of AI.

To participate in a POC, you will need:

- An Azure tenancy
- An IT team that can assist with access, permissions, and infrastructure (if data sources are on-premises), and
- Stakeholder(s) that are subject matter experts (SME) on the domain that is chosen for the POC use case(s).

Scope of Work

Task #	Brief Description of Services to be completed.
1.	<p>Kick-off session</p> <p>In the Kick-off session, we will provide you with a high-level overview of how Azure’s AI services work and how they are procured.</p> <p>We will also confirm the scope of the POC and the prerequisites that are required to deliver to that scope (e.g., infrastructure requirements, and access permissions).</p> <p>You will leave the Kick-off session with a list of actions that once completed will enable the POC to begin.</p> <p>The Kick-off session runs for approximately three hours, and it is important to have business and IT representation.</p>
2.	<p>POC plan</p> <p>Once all prerequisites are completed, BiTQ will deliver your POC project plan. This will cover the tasks and deliverables that BiTQ will complete to get the AI solution running for you.</p> <p>It will highlight where we need your assistance to enable the project to succeed. Defining the success of the project is vitally important.</p>
3.	<p>Delivery</p> <p>In this phase we will deliver the following:</p> <ul style="list-style-type: none"> • A well architected POC grade implementation of the Azure AI Services (dependent on the services that have been identified for the use case). • Architecture diagrams as required. • Recommendations on what will need to be done to productionise the solution. This will give you the required knowledge in advance, should implementing the productionised solution be viable for you.

4.	<p>Showcase</p> <p>At the completion of our Delivery phase, we will showcase your Azure AI services to your team. This includes a recorded session that walks through how these services have been configured and demonstrate the results.</p>
5.	<p>Project closure</p> <p>We provide you with a POC close report that details your Azure AI services and configuration, lessons learned and recommendations for future work. We will also include your expected Microsoft costs for productionising the services.</p> <p>In this phase, we also talk to you about possible next steps and any other opportunities that our team has identified during the POC.</p>

Personnel

The **BiTQ Azure AI POC** team will consist of:

- **POC Lead** – A Director level consultant with Azure AI experience.
- An AI engineer – with Azure AI experience to deploy and configure the required services.

Costs

The cost of the **BiTQ Azure AI POC** is \$40,000 plus GST.

The **POC** typically takes four to six weeks to deliver from confirmation of prerequisites being completed. This will be confirmed after the Kick-off session in the **POC** project plan. The timelines will of course, vary depending upon the complexities for your specific project.

Prerequisites

For the **POC** to be successful we will need the following:

- Timely completion of the **POC** prerequisites.
- Appropriate staff attendance at BiTQ sessions, as outlined in the **POC Plan**.
- Access to relevant systems with specified permissions, including Azure and any on-premises data sources.
- Access to relevant documentation.
- Access to relevant operational and IT staff for consultation and troubleshooting.

Client Referral

While some of the listed services may still be relatively new to the market, many are not. BiTQ have been working with customers to deploy AI and machine learning solutions for many years. Notable clients include:

- Rio Tinto
- Department of Employment, Small Business and Training (DESBT)
- Great Barrier Reef Marine Parks Authority
- Queensland Treasury
- National Heavy Vehicle Regulator

Closing

BiTQ are excited to be able to demonstrate to you, how your organisation can effectively use the suite of AI and machine learning tools on Azure to bring transformative insights and value from your wealth of data.

The AI POC empowers organisations to make the best decisions about AI adoption by providing a concrete demonstration of how the technology can serve critical business needs using strategies that align with your organisation's governance, as best practices that you can build upon.

We look forward to further discussing your needs, to defining a successful outcome and to trialling **Microsoft Azure AI Services** using our methodology.

Next Steps

In order to facilitate further discussions around this **POC**, please email gmsales@bitq.com.au to book your consultation with one of the **BiTQ** team or call Neil Jones on +61 417 297 846 for more information.