

Azure OpenAI Hackathon

Azure OpenAI Workshop



Agenda Day 1

Timing	Topic	Presenter
9:00 AM to 10:30 AM	Introduction to Teams	Customers, MS + TA
	Introduction to Azure OpenAI	TA + MS
	Applications of Gen AI and Best practices	TA
<i>Break - 10:30 AM to 11:00 AM</i>		
11:00 AM to 12:00 PM	RAG use case & AI studio walkthrough	TA
<i>Lunch Break - 12:00 PM to 1:00 PM</i>		
1:00 PM to 3:00 PM	Hands on implementation using Azure AI Studio	TA
<i>Tea Break - 3:00 PM to 3:30 PM</i>		
3:30 PM to 5:00 PM	Access to subscription, setup and installation of Packages	TA

Agenda Day 2

Timing	Topic	Presenter
	Pending Installation activities	TA
9:00 AM to 10:30 AM	Breakout Session - Understanding use cases	Customers
	Whiteboard and discussion on use cases	TA
<i>Break - 10:30 AM to 11:00 AM</i>		
11:00 AM to 12:00 PM	Implementing the solution using Azure AI SDK - Part 1	TA
<i>Lunch Break - 12:00 PM to 1:00 PM</i>		
1:00 PM to 3:00 PM	Implementing the solution using Azure AI SDK - Part 2	TA
<i>Tea Break - 3:00 PM to 3:30 PM</i>		
3:30 PM to 5:00 PM	Prompt Engineering + Questions + Conclusion	TA

Setup Checklist

- 1 Wifi Connection
- 2 Laptop Charge Connection
- 3 Github Link Check
- 4 Username & Login Check – Received and Able to login
- 5 Azure OpenAI Check

Azure Open AI Hackathon – Malaysia



Ashish Ram

Lead Data Scientist

With over 10 years of experience, Ashish Kumar R. is a seasoned tech-driven problem-solver specializing in the field of analytics. His passion for AI and machine learning fuels his drive to harness data for creating impactful solutions. Ashish's proven track record demonstrates his ability to effectively apply technological expertise to tackle real-world challenges.



Saikrishna Punna

Senior Data Scientist

With 4+ years of experience, Sai is a Senior Data scientist skilled in transforming raw data into actionable insights. Passionate about using statistical analysis and machine learning to solve complex problems.



Bhavesh Pancholi

Senior Machine Learning Engineer

Energetic & diligent person with strong analytical & problem-solving skills. Expertise in NLP, Generative AI, building ML models, and providing data science solutions. Knowledge in various statistical techniques, tools, programming languages, and domain expertise..



Harsh Saxena

Lead - Machine Learning Engineer

Experienced MLE & MLOPs Engineer with exposure to Data Science, experience in Python, data visualisation, data analysis. Expertise in contextual domains, healthcare, retail.



Prasanth G

Senior Manager, Business Development and Customer Success

Business Development Professional with experience of working in the advanced analytics consulting, telecommunications and construction materials industries. Skilled in market research, building business solutions and proposals, revenue potential analysis, negotiation, and customer service.

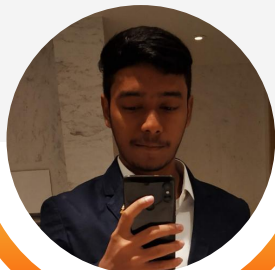
Azure Open AI Hackathon – Philippines



Ashish Ram

Lead Data Scientist

With over 10 years of experience, Ashish Kumar R. is a seasoned tech-driven problem-solver specializing in the field of analytics. His passion for AI and machine learning fuels his drive to harness data for creating impactful solutions. Ashish's proven track record demonstrates his ability to effectively apply technological expertise to tackle real-world challenges.



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Harsh Saxena

Lead - Machine Learning Engineer

Experienced MLE & MLOPs Engineer with exposure to Data Science, experience in Python, data visualisation, data analysis. Expertise in contextual domains, healthcare, retail.



Prasanth G

Senior Manager, Business Development and Customer Success

Business Development Professional with experience of working in the advanced analytics consulting, telecommunications and construction materials industries. Skilled in market research, building business solutions and proposals, revenue potential analysis, negotiation, and customer service.

Tiger Analytics' coaches introduction – Vietnam



Rajesh Dash

Director-Data Science Solutions



Sulochana Pai

Senior Data Scientist



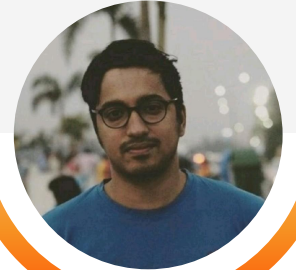
Natarajan Subramanian

Data Scientist



Shailesh Sharma

Data Scientist



Vivin Karthik

Senior Machine learning Engineer

Experienced Data Science Professional with a demonstrated history of working in the information technology and services industry. Strong understanding of AI, Analytics and Data. Have worked as Cloud Data modernization lead in the US helping clients embrace cloud transformation. Exposure to direct client stakeholders including CXOs.

7+ years of work experience in Data Sciences. Problem solver with hands-on experience in statistical techniques, model building and insight generation. Currently exploring and implementing solutions using GenAI.

Accomplished data scientist with over nine years of expertise in data science and data engineering including extensive consulting engagements with prominent Banking & Finance, Retail, and Insurance firms.

With 5+ years of experience, Shailesh is a Data scientist skilled in transforming raw data into actionable insights. Passionate about using statistical analysis and machine learning to solve complex problems.

6 plus years of experience in Machine Learning, MLOps, Data Science, Spark, AWS, Hands-on on Azure, Python, Containers, Serverless, DevOps, Terraform.

Tiger Analytics' coaches introduction - Singapore



Rajesh Dash

Director-Data Science Solutions



Sulochana Pai

Senior Data Scientist



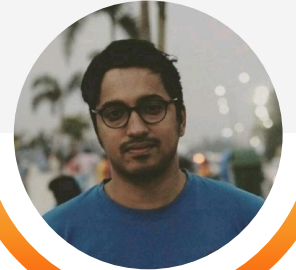
Natarajan Subramanian

Data Scientist



Shailesh Sharma

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We are a leading Pure Play Data & AI Services Company

Global Delivery:

USA (HQ), Singapore (APAC HQ),
Philippines, Malaysia, Australia,
Canada, UK, Mexico and India

Market Segments:



Retail



CPG



Transportation



BFS



Insurance



MFG



4,500+

Data Scientists, Big
Data/ML Engineers,
Consultants



1,500+

Cutting Edge Projects



<10% Attrition



86% Repeat Revenue

Consistent Growth

9x Growth in 5
Years



12+ years of **exuberant growth; doubling** almost every year



Exclusive focus on **solving** the **data challenges** of clients



Well-**Diversified** across industries



Organic and Always Profitable



Bootstrapped; no external funding



America's fastest growing
companies **2024, 2023,**
2022, 2021



Wave Leader **2023** in
Customer Analytics
Service Providers



Leader and Star Performer
in the Analytics and AI
Services Specialists PEAK
Matrix® **2022**



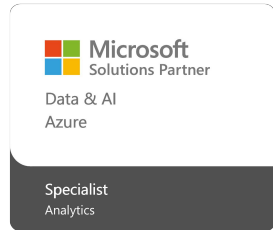
Leader and Rising Star in
Data Science and Engineering
2022



Microsoft's Singapore
Partner 2021
of the Year



Our Microsoft Partnership Snapshot

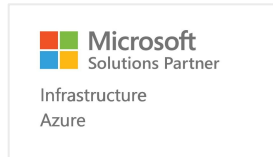


32+
Dedicated P&A Team –
 Sales, BD, Presales,
 Marketing and
 Partnership

\$190Mn+
 Global ACR
 across
 customers

\$30Mn
 Azure
 Analytics
 ACR

100%
 ACR
 Growth YoY



5%
 R&D Investment in
 Azure with 8+ offerings

1,200+
 Working on
 Azure projects

500+
 Certified

40+
 Active
 Customers
 on Azure

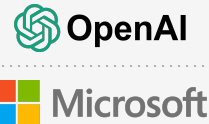


Azure Marketplace Listings

- [Data Lakehouse Solution on MS Fabric](#)
- [Tiger Data Fabric](#)
- [OpenAI Knowledge Based Search](#)
- [AI & Advanced Analytics](#)
- [Analytical Data Foundation](#)
- [Marketing Mix Optimization](#)
- [Emerging Trends Identification](#)
- [PowerBI Metadata Extractor](#)
- [Spend Optimization on Azure](#)



**Investment in
 Accelerators**



**Marketing
 Investments
 (Events)**

4 Era of AI
 Events
3 Microsoft AI Build Days in ASEAN with Satya*

4 Hackathons

10+ Customer Events (1:1,
 1:Many)

MARS



PEPSICO

HCSC Health
 Care
 Service
 Corporation



**Data and Platform
 Engineering**

Data Lake Gen 2 for improved data
 accessibility and self-service data
 analysis
 Global Analytics & BI Platform for a
 leading automotive Distributor and
 Retailer



AI/ML and Data Science

Sales and Labor Forecasting for
 a Fortune 500 Quick Service
 Restaurant
 Computer Vision Platform for a
 Large CPG Company



Generative AI/Open AI

Summarizing customer reviews
 Insights generation for various
 teams
 Planogram compliance audit
 and store digitization for FMCG
 company

ESTÉE LAUDER

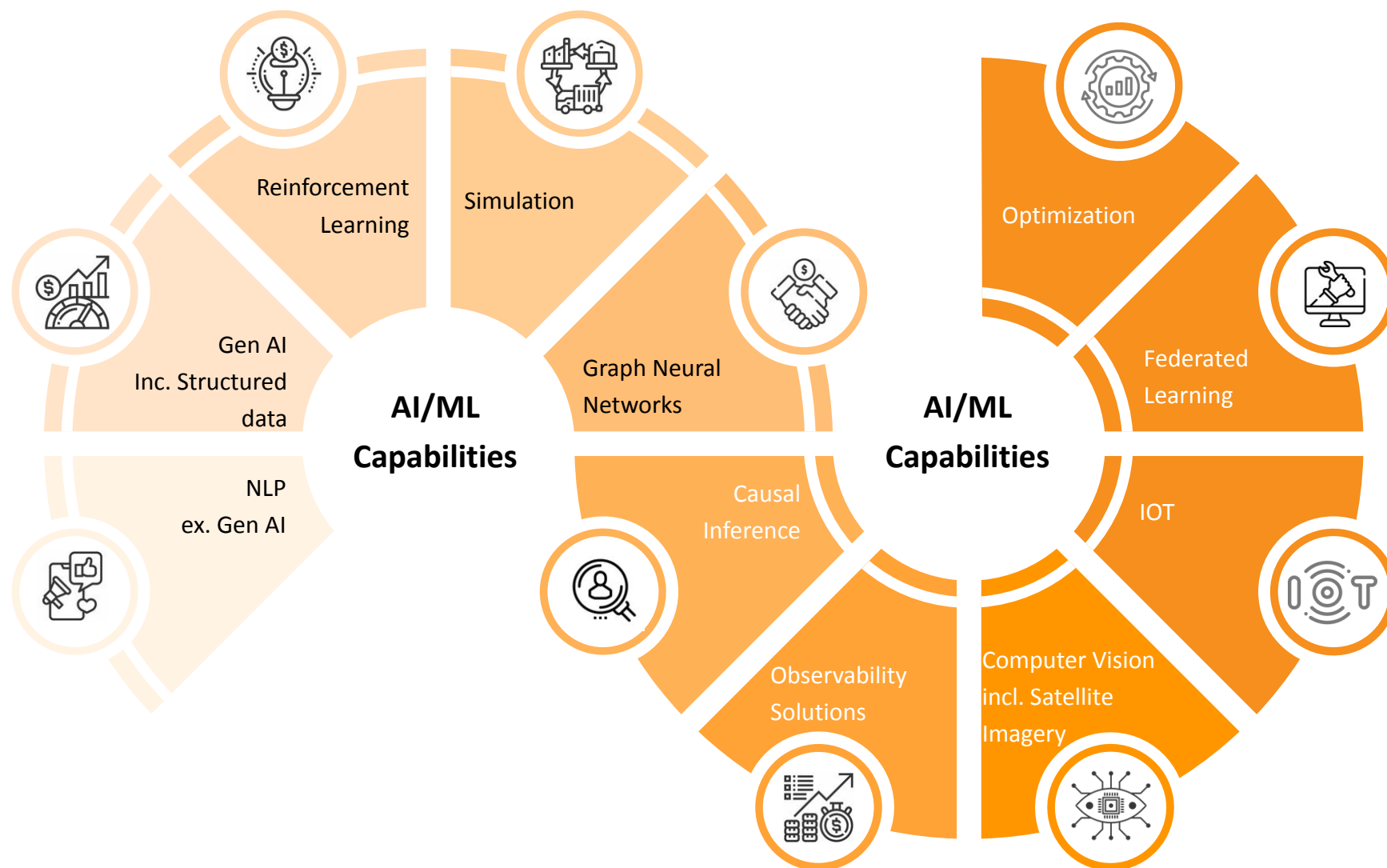










Nationwide®

inspilo



Tiger Analytics: An AI first company



-  Application Engineering
-  Data Engineering
-  Data Science
-  DevOps
-  Quality Engineering
-  Cloud Infrastructure
-  Cloud Site Reliability
-  Support Services

Delivering High Complexity, New To Industry, Large Scale Transformation Initiatives

Key themes: Data foundation, SAP Migration, GenAI, Fabric, Migration, Modernization, Advance Analytics



High Complexity

- Industry Specific Use cases
- Geo Spatial Analysis
- Steam Ingestion
- Wind farm simulation tool



Data & Analytics Transformation

- End to End Modern Data Foundation
- Migration & Modernization
- Industry specific use cases



Large Cross Functional COEs

- End to End Data & Analytics Partner
- Data Engineering
- Data Science
- BI Modernization



Scaling OpenAI

- Multiple customers
- Search
- Summarization
- NLP



Our OpenAI Expertise Overview

Generative AI Expertise



150

Data Scientists & ML Engineers



Dedicated Gen AI R&D Lab

Client Discussions



100+

Ongoing Project Discussions

Client POCs



20+

Projects Executed



20+

Upcoming POCs

Current OpenAI Client Engagements

MARS

PEPSICO

inspilo

Horizon

TSC TRACTOR
SUPPLY CO

QUANTUM
ENERGY PARTNERS

GCash

Research & Benchmarking

Top Use Cases

Wealth Coach

Azure OpenAI powered Chatbot to help influence customer investment

3D Avatar

Integrating Custom LLM into its creation of a Generative 3D Avatar for a Large FMCG Company

Planogram Audit

Planogram Compliance Audit and Store Execution Data Digitization for a Large CPG Player

Image Enrichment

Image Enrichment with rich backgrounds through GenAI

Driving OpenAI Adoption and Cross-Selling at GCash

Use Case 1: Wealth Coach Chatbot

Objective: An Azure OpenAI powered Chatbot to help influence customer investment on various GCash's investment products

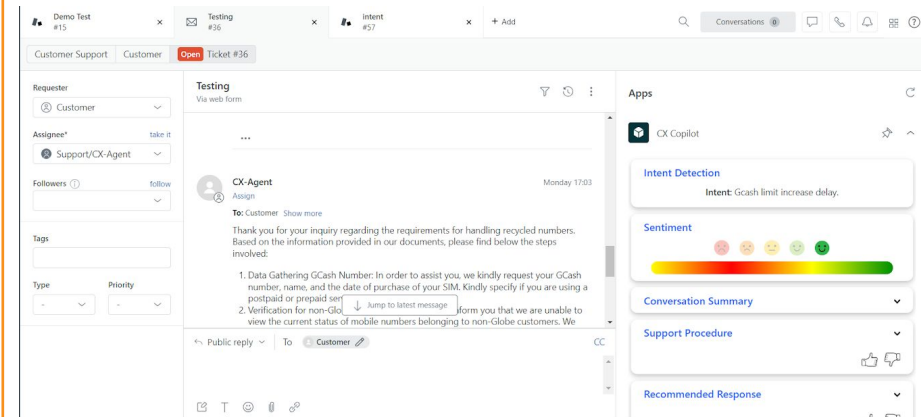
Expected Outcome: A chatbot to proactively propose the end users on investment recommendations based on the customer profile



Use Case 2: Agent CoPilot

Objective: A CoPilot that leverages Azure OpenAI to aid the customer support agents in responding to the customer queries effectively and measure the customer sentiment

Expected Outcome: Help reduce the Average Handling Time and improve the accuracy of responses for the Customer Support Agents



Ongoing Discussions:

- Fabric
- Analytics COE
- Data Tribe Consultancy

Scan to share feedback



Reach Out – arun.britto@tigeranalytics.com for more details.