

# APPLIED AI/ML FOR BUSINESS SOLUTIONS

## AIML-BIZ CERTIFICATION PROGRAM

AI Era Job Ready Skills

AIML-Biz

A comprehensive 28-week journey designed to transform professionals into AI leaders. Master the end-to-end pipeline from Python fundamentals to deploying Generative AI agents in the cloud. This program bridges the gap between technical capability and business value.

**28**

WEEKS DURATION

**336**

CONTACT HOURS

**13.3**

CREDIT HOURS

**4+**

CERTIFICATIONS

# PROGRAM OVERVIEW

HIGHLIGHTS & CAREER OUTCOMES

DURATION	TUITION	NEXT COHORT
28 Weeks	\$12,349.00	Monthly Intakes

## PROGRAM HIGHLIGHTS

- ✓ **Live Instructor-Led Training**  
In-person at our Frisco, TX campus OR Virtual via NVIT LMS
- ✓ **Hands-on Labs & Projects**
- ✓ **Career Support Services**
- ✓ **Industry Certification Prep**

## CAREER PATHWAYS

- AI Business Analyst
- Business Intelligence Engineer
- Machine Learning Consultant
- AI Product Manager
- Generative AI Solutions Developer

### Foundational Track

AIML 100

Python Fundamentals for AI & ML

Master the language of AI. From variables and control flow to advanced data structures and OOP. Build the coding muscle memory required for complex ML tasks.

Python 3.x

VS Code

Git/GitHub

NumPy

Pandas

### Business Intelligence Track

AIML 101

AI & Business Fundamentals

Understand AI/ML concepts for business, analyze business needs for AI application, and build initial predictive models.

Jupyter

Business Strategy

AIML 102

Business Analytics & Visualization

Apply business statistics, develop dashboards and visualizations, and build data-driven reports to drive decision making.

Power BI

Tableau

Statistics

### Advanced Applications Track

AIML 103

ML for Business Insights

Develop predictive and classification models, conduct feature engineering, and interpret model outputs for business insights.

Scikit-learn

Pandas

Regression

AIML 104

NLP & Customer Insights

Analyze text data, build customer sentiment models, and extract actionable insights from unstructured data sources.

NLTK

spaCy

Sentiment Analysis

Advanced Applications Track (Continued)

AIIML 105

Recommendation Engines

Build collaborative and content-based recommenders, evaluate systems, and apply personalization to business contexts.

Surprise

TensorFlow

AIIML 106

Responsible AI & Explainability

Apply ethical frameworks, implement bias detection, and integrate explainability (XAI) into AI solutions.

SHAP

LIME

AI Ethics

Innovation & Deployment Track

AIIML 107

GenAI & AI Agents

Build Generative AI systems, design AI agent workflows, and fine-tune Large Language Models (LLMs) for business.

OpenAI API

LangChain

CrewAI

AIIML 108

AI Product Development

Develop AI-powered products, apply agile methodologies, and manage the full AI product lifecycle.

JIRA

Figma

Streamlit

AIIML 109

MLOps & Cloud Deployment

Deploy AI models on AWS, Azure, or GCP. Build automated MLOps pipelines. Monitor and maintain deployed models.

AWS SageMaker

Azure ML

GCP Vertex AI

AIIML 110

Capstone Project & OJT

Deliver a full AI/ML business project. Work on end-to-end AI product development. Present business outcomes.

Full Stack AI

Project Management

WIOA APPROVED PROGRAM

Zero-Cost AI & Cloud Training

JOB-READY SKILLS FOR THE AI ERA

100% Tuition Coverage for WIOA-eligible residents of Texas & Louisiana.  
(More states coming soon!)

Not WIOA eligible? Ask about flexible 7–36 months financing or one-time payment discounts.

TWC Licensed (#S6776)

Live (Online/In-Person)

Real-World Projects

Industry Certified



## John Enoch (MSc)

### AI GOVERNANCE LEAD & CHIEF AI ARCHITECT

- **Authority:** Microsoft MVP | Engineering Hiring Manager | 20+ Years Excellence
- **Global Footprint:** Microsoft & IBM (Principal Architect), Ericsson, Capgemini
- **Elite Education:** MIT (AI Modeling), Stanford (Strategy), MSc Software Systems (Heriot-Watt, UK)
- **Tech Mastery:** Generative AI (LLMs/RAG), Multi-Cloud, Agentic AI
- **Impact:** Influenced \$50M+ in revenue; Won Ericsson Innovation Award (\$10M+ savings)

"We don't just learn AI; we architect the production-grade systems of the future."



## Dr. Oluwagbenga Paul Idowu (PhD)

### RESEARCH AUTHORITY & FACULTY LEAD

- **Authority:** PhD in AI Systems | 390+ Google Scholar Citations
- **Elite Academic Pedigree:** PhD Pattern Recognition & AI (UCAS - Nature Index #1 Globally)
- **Global Footprint:** University of Calgary, Shenzhen Institutes of Advanced Tech
- **Technical Domain:** NLP for 130+ African Languages, Brain-Computer Interfaces (BCI)
- **Impact:** Secured 15M+ Yuan in research grants; revolutionized multilingual AI accessibility

"True AI power lies in its accessibility. We architect systems that solve real human problems."



## Taiwo Emmanuel Olatunde (MSc)

### DATA ARCHITECTURE & ENGINEERING LEAD

- **Authority:** Microsoft Fabric Expert | Technical Lead @ JerichoAI
- **Elite Academic Pedigree:** MSc Business Analytics (UNT), MSc Reservoir Geoscience (France)
- **Global Footprint:** NVIT, Group O (Logistics), Texas A&M Research
- **Technical Domain:** Microsoft Fabric, ETL/ELT Pipelines, Lakehouse Architecture
- **Impact:** Architected cloud pipelines reducing enterprise cloud waste by 85%

"Modern data engineering is about building cost-aware, real-time, and AI-ready foundations."



## Syed Ishaq Ali, MBA, PMP

### BI STRATEGIST & FINANCIAL ANALYTICS LEAD

- **Authority:** 15-Year Financial Sector Veteran | PMP® Professional
- **Global Footprint:** Bank of Montreal (BMO), Scotiabank, Sandvine, CIBC Mellon
- **Elite Academic Pedigree:** MS Computer Science (U of Bridgeport), MBA Global Business
- **Technical Domain:** Financial Forecasting, SQL Engineering, Self-Service BI (Tableau/Power BI)
- **Impact:** Delivered 500+ interactive dashboards; reduced reporting turnaround by 35%

"Data is only as valuable as the decisions it inspires. I teach you the analytical mindset of a leader."



## WORK WITH NVIT BUILDERS

**Real-World Projects:** This training is 100% hands-on. You will work directly with NVIT builders who support clients across North America. Gain experience on live projects, solving actual business challenges, not just theoretical exercises.

## CERTIFICATIONS & VOUCHERS

### NVIT Certificate + 4 Industry Certifications (Vouchers Included)

Graduates receive the NVIT Certificate of Completion plus **Exam Vouchers** to write and pass up to 4 globally recognized certifications from this list:

- Microsoft Azure AI Engineer Associate
  - Microsoft Azure AI Fundamentals
  - Microsoft Azure Data Scientist Associate
  - AWS Certified Machine Learning – Specialty
  - Google Professional Machine Learning Engineer
  - IBM AI Engineering Professional Certificate
  - NVIDIA DLI: Transformer-Based NLP Applications
  - Microsoft Power BI Data Analyst Associate
- Tableau Certified Data Analyst
  - Microsoft Fabric Analytics Engineer Associate
  - SnowPro Core Certification
  - Google Cloud Professional Data Engineer
  - Databricks Machine Learning Associate
  - TensorFlow Developer Certificate
  - Responsible AI / AI Ethics Certification
  - Certified AI Product Manager

## 2026-2027 COHORT SCHEDULE

Cohort Name	Days	Time	Format
Alpha / Nova / Forge	Mon - Wed	9:30 AM - 12:30 PM	Morning Session
Helix / Array / Delta	Mon - Wed	1:30 PM - 4:30 PM	Afternoon Session
Photon / Pipeline / Fabric	Mon - Wed	6:00 PM - 9:00 PM	Evening Session
Beta / Snow / Grid	Thu - Sat	9:00 AM - 12:30 PM	Weekend Morning
Cloud / Lambda / Sigma	Thu - Sat	1:30 PM - 4:30 PM	Weekend Afternoon
Nebula / Data / Voyager	Thu - Sat	6:00 PM - 9:00 PM	Weekend Evening

## ADMISSIONS & NEXT STEPS

**Ready to Apply?**  
Contact our admissions team to secure your spot in the next cohort.

**admissions@nvit.tech**  
+1 (214) 407-7229