

APPLIED AI/ML FOR BUSINESS SOLUTIONS

MACHINE LEARNING, DEEP LEARNING & BUSINESS AI

AI Era Job Ready Skills

Applied AI/ML for Business Solutions is a 28-week intensive program that equips students with the skills to design, build, and deploy machine learning and deep learning systems for business applications. Students master Python, data preprocessing, model training, NLP, computer vision, and business intelligence. Graduates are prepared for roles as ML Engineers, Data Scientists, AI Analysts, and Business Intelligence Developers.

"Apply AI and machine learning to solve real-world business challenges"

28 WEEKS

DURATION

336

CONTACT HOURS

13.3

CREDIT HOURS

\$8,500.00

TOTAL PROGRAM COST

4+

CERTIFICATIONS

TWC Licensed

#S6776

WIOA Approved

Funding Available

Monthly Intakes

Enroll Anytime

DURATION: 28 Weeks

TUITION: \$8,500.00

NEXT COHORT: Monthly Intakes

PROGRAM HIGHLIGHTS

- ✓ Live Instructor-Led Training
- ✓ Hands-on Labs & Real-World Projects
- ✓ Career Support Services
- ✓ Industry Certification Prep (4 Vouchers)
- ✓ WIOA Funding Available
- ✓ TWC Licensed (#S6776)

CAREER PATHWAYS

- ML Engineer
- AI Solutions Architect
- Agentic AI Analyst
- Business Intelligence Developer
- AI Product Manager
- Data Scientist

WORK ENVIRONMENTS

- Tech Companies
- Financial Services
- Healthcare
- Retail & E-Commerce
- Government
- Consulting Firms

LATEST TOOLS & TECHNOLOGIES (2025–2026)

- Python
- TensorFlow
- PyTorch
- Databricks
- Snowflake
- Tableau
- Power BI
- CrewAI
- AutoGen
- MLflow

ADMISSIONS REQUIREMENTS

- High school diploma or GED required
- Basic Python programming knowledge
- Recommended: Introductory statistics or data analysis
- Background check required prior to enrollment

PROGRAM OUTCOMES & EARNING POTENTIAL

- ✓ **Job Placement Support**
Career coaching & resume prep
- ✓ **Industry Certifications**
4+ globally recognized certs
- ✓ **WIOA Eligible**
100% tuition coverage available
- ✓ **Real-World Projects**
Live client project experience
- ✓ **Flexible Schedule**
6 cohort options per week
- ✓ **TWC Licensed**
Texas Workforce Commission #S6776

• TWC Licensed #S6776 • WIOA Approved • Monthly Intakes • 100% Hands-On • Job Placement Support •

FOUNDATIONS TRACK

AIML 101 AI & Business Fundamentals

Weeks 1–2 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | 24...

- Understand AI/ML concepts for business.
- Analyze business needs for AI application.
- Build initial predictive models.

Tools: Python, Jupyter Notebook

AIML 102 Business Analytics & Visualization

Weeks 3–4 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | 24...

- Apply business statistics.
- Develop dashboards and visualizations.
- Build data-driven reports.

Tools: Power BI, Tableau

CORE ML TRACK

AIML 103 ML for Business Insights

Weeks 5–6 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | 24...

- Develop predictive and classification models.
- Conduct feature engineering.
- Interpret model outputs.

Tools: Scikit-learn, Pandas, Databricks

AIML 104 NLP & Customer Insights

Weeks 7–8 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | 24...

- Analyze text data.
- Build customer sentiment models.
- Extract insights from unstructured data.

Tools: NLTK, spaCy

AIML 105 Recommendation Engines

Weeks 9–10 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | 24 Total Hrs | 1.0 Credit Hr

- Build collaborative and content-based recommenders.
- Evaluate recommendation systems.
- Apply recommendation systems to business.

Tools: Surprise, TensorFlow Recommenders

CURRICULUM HIGHLIGHTS

✓ Hands-On Labs

Every module includes real cloud lab exercises

✓ Project-Based

Build portfolio-ready projects each week

✓ Industry Tools

Learn with the same tools used by top employees

✓ Certification Prep

Included exam vouchers for 4+ certifications

✓ Live Instruction

Expert-led sessions, online and in-person

✓ Career Support

Resume, LinkedIn, and interview coaching

ADVANCED AI TRACK

AIML 106 Responsible AI & Explainability

Weeks 11–12 | Lec 6 Hrs / Lab 18 Hrs / OJT+Capstone 0 Hrs | ...

- Apply ethical frameworks for AI deployment.
- Implement bias detection techniques.
- Integrate explainability into AI solutions. Prerequisite: AIML ...

Tools: SHAP, LIME

AIML 107 GenAI & AI Agents

Weeks 13–15 | Lec 9 Hrs / Lab 27 Hrs / OJT+Capstone 0 Hrs | ...

- Build Generative AI and Agentic AI systems (text, image, ag...)
- Design multi-agent workflows using CrewAI and AutoGen.
- Fine-tune GenAI models for business applications.

Tools: OpenAI API, Hugging Face, AutoGen, CrewAI

AIML 108 AI Product Development

Weeks 16–18 | Lec 9 Hrs / Lab 27 Hrs / OJT+Capstone 0 Hrs | 36 Total Hrs | 1.2 Credit Hrs

- Develop AI/ML-powered business products.
- Apply agile methodologies to AI product development.
- Perform AI product lifecycle management.

Tools: JIRA, Figma, GitHub

BUSINESS & CAPSTONE TRACK

AIML 109 MLOps & Cloud Deployment

Weeks 19–21 | Lec 9 Hrs / Lab 27 Hrs / OJT+Capstone 0 Hrs | ...

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

Tools: AWS SageMaker, Azure AI Studio, Databricks Mosaic AI

AIML 110 Capstone Project and On-the-Job Trai...

Weeks 22–28 | Lec 0 Hrs / Lab 0 Hrs / OJT + Capstone 84 Hrs ...

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

Tools: All tools from prior courses

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 Enoh (MSc)
AI GOVERNANCE LEAD &
CHIEF AI ARCHITECT

- Authority: Microsoft MVP | Engineering Hiring Manager
- Global Footprint: Microsoft & IBM (Principal Architect)
- Elite Education: MIT (AI Modeling), Stanford (Strategy)



Dr. Paul Idowu (PhD)
RESEARCH AUTHORITY &
FACULTY LEAD

- Authority: PhD in AI Systems | 390+ Google Scholar Citations
- Elite Academic Pedigree: PhD Pattern Recognition & AI
- Technical Domain: NLP for 130+ African Languages



Devonte Sykes (MSc)
DIGITAL
TRANSFORMATION

- Authority: Senior Cloud Architect @ Microsoft
- Elite Academic Pedigree: MSc Information Technology (UCF)
- Technical Domain: Azure IaaS/PaaS, Cloud Migration



Abiodun Olatunji, MBA
ENTERPRISE STRATEGIST
& CLOUD AUTHORITY

- Authority: Senior Specialist, Cloud & AI @ Microsoft
- Elite Academic Pedigree: MSc Information Systems, MBA
- Technical Domain: Azure Synapse, Databricks, Big Data



Taiwo Olatunde (MSc)
DATA ARCHITECTURE &
ENGINEERING LEAD

- Authority: Microsoft Fabric Expert | Technical Lead
- Elite Academic Pedigree: MSc Business Analytics (UNT)
- Technical Domain: Microsoft Fabric, ETL/ELT Pipelines



Syed Ishaq Ali, MBA
BI STRATEGIST &
FINANCIAL ANALYTICS

- Authority: 15-Year Financial Sector Veteran | PMP®
- Global Footprint: Bank of Montreal (BMO), Scotiabank
- Technical Domain: Financial Forecasting, SQL, Power BI



Vaishali Singh
AI & MACHINE LEARNING
SPECIALIST

- Authority: Lead AI Engineer
- Technical Domain: Deep Learning, Computer Vision
- Global Footprint: Fortune 500 Tech Companies



Dr. Ibrahim Olokodana
DATA SCIENCE &
ANALYTICS EXPERT

- Authority: PhD in Data Science
- Technical Domain: Predictive Modeling, Statistical Analysis
- Elite Academic Pedigree: Advanced Research in ML



Abdullahi Olapojoye
CLOUD INFRASTRUCTURE
ARCHITECT

- Authority: Senior Cloud Engineer
- Technical Domain: AWS, GCP, Kubernetes, Terraform
- Global Footprint: Enterprise Cloud Migrations



Mackay Ogunleye
CYBERSECURITY &
COMPLIANCE LEAD

- Authority: CISSP, CISM Certified Expert
- Technical Domain: Network Security, Threat Intelligence
- Global Footprint: Global Financial Institutions



Sai Sudha Malluru
SOFTWARE ENGINEERING
& DEVOPS

- Authority: Principal Software Engineer
- Technical Domain: CI/CD, Microservices, Agile
- Global Footprint: Leading Tech Startups



Solomon Adegboye
FULL STACK
DEVELOPMENT LEAD

- Authority: Senior Full Stack Developer
- Technical Domain: React, Node.js, System Design
- Global Footprint: E-commerce & SaaS Platforms

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 globally recognized certifications from this list:

- AWS Certified Machine Learning – Specialty
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- Microsoft Certified: Azure Data Scientist Associate (DP-100)
- Google Professional Machine Learning Engineer
- NVIDIA DLI: Fundamentals of Deep Learning
- NVIDIA DLI: Accelerating Data Science Workflows
- IBM AI Engineering Professional Certificate
- Databricks Certified Associate Developer for Apache Spark

STANDALONE FEE BREAKDOWN

1. Instructional Tuition	\$7,206.00	
2. Registration Fee	\$50.00	<i>(One-time, non-refundable)</i>
3. Books & Supplies	\$500.00	<i>(Cloud labs, software, e-books)</i>
4. Background Check	\$150.00	<i>(Security clearance processing)</i>
5. Professional Exam Vouchers	\$594.00	<i>(4 Vouchers Included)</i>
TOTAL PROGRAM INVESTMENT	\$8,500.00	

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.
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+1 (214) 407-7229