

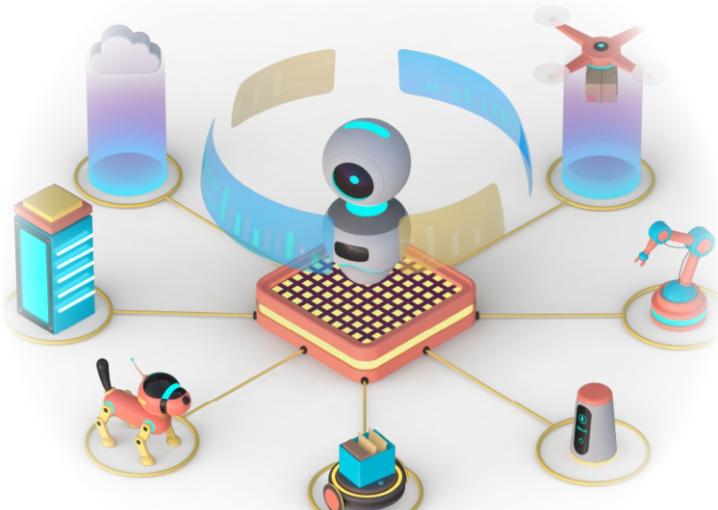
# Build AI & Emerging Technologies

TensaX Innovations Pvt. Ltd. is a leading Artificial Intelligence company established in 2017 dealing in AI & Emerging Technologies, Product Development and AI Training Programs

**tensaX™** AI Hub

**tensaX™** Builder

**tensaX™** AI Academy



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# How AI brings value

"AI is the most powerful technology today which enables us to build so many great things."



Aryan Singh  
Director & CTO

## CX – Customer Experience

AI powered value addition features - built into your customer/user/patient experience



- **Personalization:** Pattern recognition & Recommendation Engines
- **Communication Experience:** Conversational AI- Talking Experiences are more human
- AI Assisted User Data Collection
- **AI Avatars** guiding customer data collection forms: Automated checks & hints
- **AI Assisted Product Guidance:** AI Avatars helping and hand holding your customers for a better experience | Conversational– Voice or hints | User service, fulfillment, tutorials
- **Document Intelligence:** Document processes such as transcription, digitization, translation, and AI checks | Layout Analysis, Document parsing, Machine Translation, PoS tagging, Document data extraction, handwritten character recognition, Document Due Diligence, easier customer experiences.
- **AI Avatars:** Deployable AI Agents serving Users: Deployable Conversational AI Agents trained for your CX use case-deployed for your customer experience needs.

## Workflow Processes



- For Your Team

**Change in the nature of work:** AI takes care of automated processes- allows your people to focus on moving forward rather than completing mundane processes- allows them to be creative and take decisions and create higher value- empowers them to do more

**Computer Vision:** Process AI Augmentation, Process Computer Vision, AI Similar data search engines, Document Intelligence, Human Augmentation with Computer Vision

**Natural Language:** Conventional AI– AI Avatars for delegation for API driven processes, AI reminders, Conversational AI task management & orchestration

**Machine Intelligence:** Pattern Recognition, Reinforcement learning, sensory data automation

- For Your Users

New Features | Faster turnaround times | Process Transparency | Higher Bandwidth

## Intelligence Data Insights

Data is the future of decision making



- Machine Learning based Feature Extraction, Pattern Recognition, ML powered regression
- **Clustering:** Identifying patterns of customer behavior: clustering customer behavior patterns from data & hierarchical clustering
- **Conversational AI:** AI Avatars- Talking AI Agents- you can ask & they notify of forming patterns



Revolutionizing the AI & Emerging Technology development process

## Build & set up your own AI Lab



### Browse AI Models

Discover & Test Pilot Pre-Built AI Models, Explore from our range of ready-to-deploy AI Models and see the power of AI with our AI models.



### Data Lake

Establish your AI Data Lake for the development of your customized AI & prepare yourself or your team for the future development of customized AI On-premises or Cloud.



### Intelligence Insights

Our Team of AI Experts from TensaX Innovation Lab perform Feature Engineering and present Insights, presented to you in intelligence insights.



### My Deployed AIs

Manage your deployed AIs with TensaX AI Hub.



### My AI Control Rooms

Our Team of AI Experts from TensaX Innovation Lab build custom AI for your case and view live updates and results in AI control Rooms.

## Run AI Demos on your systems and mobile

The screenshot displays the tensaX™ AI Hub interface. At the top, there's a header bar with the tensaX™ AI Hub logo and the tagline "Build AI into your organization & Be AI Ready." Below the header, there's a sidebar with several navigation links:

- Browse AI Models
- Data Lake
- Intelligence Insights
- My Deployed AIs
- My AI Control Rooms

On the right side of the interface, there are several demo modules:

- Talk to INFO**: A section for conversational AI, stating "INFO is our universal conversational AI framework. You can talk to INFO, it is content aware, state aware, and has support for contextual data queries and data pattern recognition. Being our proprietary AI Agent, INFO can be deployed on Web, embedded systems & mobile."
- Facial Expression Recognition**: Shows three faces with emotion scores: Happy/Positive Interested (~80%), Uninterested/Negative (~20%), and Disgusted/Annoyed (~10%).
- Medical Image Segmentation**: Displays a grid of medical brain scan images.
- Handwritten character Recognition**: Shows two examples of handwritten text "Aurora" and "Aurora" with a "Document Intelligence" label.
- Computer Vision Image Recognition**: Shows a grid of images with labels: airplane, automobile, bird, cat, deer, dog, frog, horse, ship, truck.
- Object Detection & localisation**: Shows a street scene with various objects highlighted and labeled.

At the bottom left, there are additional calls to action:

- Talk to AI Experts: "Set up your call schedule with our AI experts." "Schedule Call with AI experts".
- Learn AI & Watch Use-Cases with tensaX™ AI Academy.
- Build Custom AI & Technology with tensaX™ Builder.

## Build AI in weeks, not years

Exec. Briefing	Technology Assessment	Project Report	Pre-built AI Trial or Custom AI	AI Deployment in Production Cloud, Integrated or Mobile
3 Days	3 Days	2 weeks	12 weeks	3-8 months

# Explore TensaX AI Industries

AI Applications today are in every aspect of life and are helping organizations do more in all these sectors. Get started with building AI & Emerging Technologies with TensaX Innovation Lab.



## AI in Healthcare

AI for Diagnosis | Personalised Medicine | Drug Discovery | Patient Apps



## Office AI

Document Intelligence | Personal Assistants | AI Avatars | AI Work OS | Process AI Automation | AI Insights



## Household AI

AI Avatars | RLSE | Inventory Management | Domestic Help | Smart Home | AI Companions |



## Fintech & Banking AI

AI Investment Algorithms | Anomaly Detection | Document Intelligence | AI Due Diligence



## Education AI

AI Tutor | Personalized Education | AI Assessment Intelligence | AI Student Attention Intelligence



## Human Emotion AI

Attention | Facial Expressions | Speech Intelligence | Body Language | Emotion AI



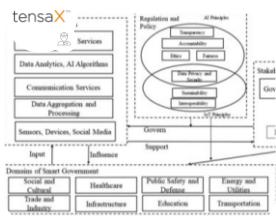
## Fashion AI

Clothing Try-On | Computer Vision | Body Language - Pose Tracking | 3D Superimposing | AI Style Transfer | AI Recommendations



## Social Intelligence AI

Conversational AI | AI Chatbots | AI Avatars | Natural Language | Swarm Intelligence | Feedback AI | Emotion AI | Attention AI



## Smart Governance AI

Document Intelligence | AI Assistants | AI Avatars | AI Work OS | AI Work Monitoring



## Transportation AI

Self Driving AI | Traffic Grid AI | AI Avatars | Road Safety Camera Vision AI | In-Vehicle AI



## Real Estate AI

Automated Valuation Models (AVMs) | Conversational AI | AI Agents | AI Chatbots



## Factory AI & RPA

Machine Intelligence | Reinforcement Learning | Computer Vision | Custom AI



## Energy & Power AI

Sun Harvesting | Computer Vision | Concentrated Solar Mirror Control AI | Power Grid AI



## Agriculture AI

Computer Vision Segmentation | Customer Insights + BlockChain | AI Vision Applications



## FoodTech AI

Food Recommendations | RPA | Customer Feedback | Emotion AI | Supply Chain AI



## Security & Defense AI

Real Life Search Engine (RLSE) | AI instant Camouflage | Intruder Detection | AI Object Tracking



## BlockChain

Intellectual Property | Security Tokens | Data Integrity | Immutable Data Chains



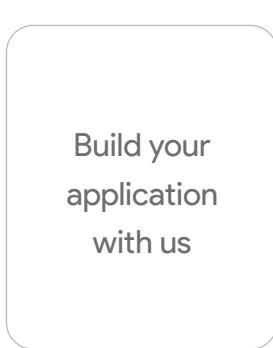
## Space AI

AI Powered Ephemeris | AI Exoplanet Discovery | AI Vision



## AI for Good - Humanitarian AI

AI in Remote Areas | Embedded AI | CSR Redistribution Management AI



# Build AI & Emerging Technologies

Partner with us to build technology

TensaX Innovation Lab has industry expertise in AI & Emerging technology, our team is competent in the latest development & deployment frameworks for mobile & cloud deployment, incorporating AGILE & Scrum interactive development practices. Let's collaborate to build technology.

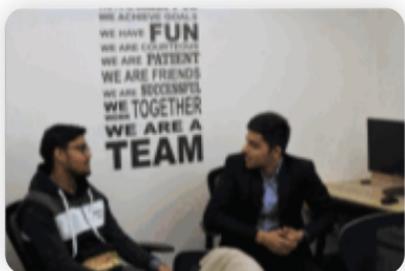


- ✓ Artificial Intelligence & Emerging Technologies
- ✓ AGILE + Scrum work process
- ✓ Project Delivery Guarantee & Project Insurance
- ✓ Work directly with team

\*Eligibility for project insurance is determined after project assessment.



## Building AI & Emerging Technologies Made Really Easy...



Estd. 2017



### Start today with AI Hub

Explore AI Models today. Start building AI for your business. Get future ready



### Talk to Us for Consultancy

Build AI & Emerging Tech & applications for your organisation / use-case



### We Set Up your own AI Lab

With AI Hub – Set Up an AI Lab at your space with direct link to experts



### Explore our AI Portfolio

Browse our AI Models & AI powered products. Install our apps & Integrate AI & Tech



### Hire an AI & Tech Team

Hire Developers at module-to-module or hourly development hours



### Learn from AI Academy

For Career, your Kids, or your business TensaX AI Academy– Live Instructor led 1-on-1 AI Technology Training

## People we've worked with



THE ECONOMY



SENAUTO



eazytech.org

and more...

## Artificial Intelligence Courses for Everyone

TensaX AI Academy is an exceptional leading Artificial Intelligence (AI) and Machine Learning (ML) Training Academy. The courses are designed by leading academic and industry experts, useful for learners & professionals looking to grow their career and business.

Our courses are one to one instructor led interactive courses that are available at very affordable prices. The courses and training programs cover the educational aspect with hands-on practical training on live AI projects. The participants will get summarized course material and course certificate after completion.

Carried out in their entirety through project based learning, the different certification segments are:

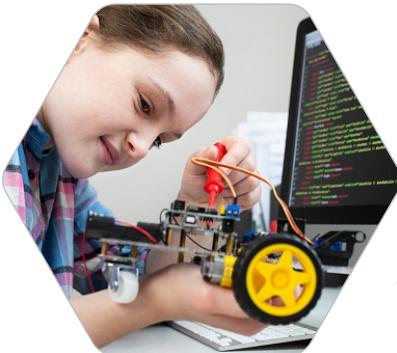
- **Programming & Python**
- **Data Science & Operations**
- **Artificial Intelligence & Machine Learning Fundamentals**
- **Advanced AI Applications & Machine Learning**
- **AI & Emerging Technologies**

Our focus is directed towards making sure that everyone has the chance to build on their spark of curiosity and technology exploration, no matter their age and educational background. To ensure a comprehensive learning, we customize the course content based on the following groups:

- **AI for Kids:** for ages 10 to 18
- **Career Enhancement with AI:** looking to add new skill along with prior time commitments (profession, education, at home responsibilities)
- **Internship Programs**
- **Artificial Intelligence Corporate Training Programs:** For Business Managers and team leaders that are looking to explore and develop AI strategies for their team and business

### Our unique approach

- Instructor led one-to-one courses
- Project Based learning to develop problem solving skills and provide practical training
- Courses designed by leading industry and academia experts
- Live interactive sessions and problem guidance sessions
- Courses are carried out through online sessions
- Flexible scheduling of sessions



**LEARN • EXPLORE • INNOVATE**

# Partner with Us



We strongly believe in building strategic partnerships with young entrepreneurs, companies, and individuals. We plan to have a global presence, so we welcome associations and partnerships from across the globe. TensaX Innovation Lab's Global Partnership Program provides you an opportunity to learn and collaborate on emerging technologies like Artificial Intelligence (AI) and grow your business. If you believe that we could work together for mutual benefits, let's get in touch.

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## Our Presence



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Siddharth Nagar,  
Near Airport,  
Jaipur



**US Office**  
Oyster Point,  
611 Gateway Boulevard,  
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**UAE Office**  
Al Masraf Tower,  
Deira,  
Dubai