



ALTUS

RISE · LEAD · INSPIRE

OUR MISSION

At Altus Education, we believe in the power of knowledge to elevate individuals and communities. Our mission is to provide accessible, high-quality digital education that equips learners with the skills, confidence, and vision to rise above challenges, lead with integrity, and inspire those around them.

Through industry-aligned curricula, hands-on projects, and expert guidance, we prepare our students not just for jobs — but for careers that matter. Every program we offer is crafted to meet the demands of today's fast-evolving digital landscape.

Join thousands of graduates who have transformed their futures with Altus Education.

Rise above. Lead boldly. Inspire endlessly.

Your journey to excellence begins here with Altus Education — where ambition meets opportunity.

WHY ALTUS ?

Your Future Deserves the Right Foundation.

At Altus, we believe every student has the potential to achieve more — and we're here to make sure nothing stands in the way of that.

Altus — Reach Higher.



**BRINGING IDEAS TO LIFE
AND FOSTERING
INNOVATION THROUGH
TECHNOLOGY.**

OUR MISSION AND VISION

A World Where Every Learner Can Reach Their Highest Potential.

We envision a future where geography, background, and circumstance are no longer barriers to quality education. Altus Education is building a world where every student — regardless of where they come from — has access to the tools, technology, and guidance they need to thrive.

To Empower Students Through Intelligent, Accessible, and Personalised Learning.

At Altus Education, we harness the power of technology to deliver exceptional learning experiences that adapt to every individual — breaking barriers, driving real outcomes, and building the confidence every student needs to own their future.



WHY CHOOSE US

Cutting-Edge Technology, Human at Heart

Altus combines the power of advanced learning technology with the warmth of real mentorship. Our platform adapts to how you learn — not the other way around.

Personalised Learning Paths

No more one-size-fits-all. Our intelligent system analyses your strengths and gaps to build a learning journey that's uniquely yours — keeping you engaged, on track, and always progressing.

Learn Anytime, Anywhere

Whether you're at home, on the go, or in a classroom, Altus puts high-quality education in your hands 24/7. All you need is a device and the drive to grow.

Measurable Progress, Proven Results

We believe in outcomes you can see. Real-time dashboards, performance insights, and milestone tracking mean you always know how far you've come — and exactly where you're headed.

Expert-Crafted Content

Every lesson, module, and resource on Altus is designed by leading educators and industry experts — so you can trust that what you're learning is relevant, rigorous, and ready to take you further.

**TRANSFORMING
CONCEPTS
INTO REALITY
AND
NURTURING
INNOVATION**



ALTUS EDUCATION

EMPOWERING EVERY STUDENT WITH INTELLIGENT, PERSONALISED LEARNING
TO UNLOCK THEIR HIGHEST POTENTIAL



ALTUS EDUCATION



 www.altuseducation.in

 edtechaltus@gmail.com

05 | COURSE CURRICULUM: MACHINE LEARNING

Complete Mastery of Machine Learning: Mentor-Led | Self-Paced | Professional Track.

Week 1: Machine Learning Introduction

- What is Machine Learning
- Introduction to types of ML algorithms
- Supervised vs Unsupervised learning
- Classification vs Regression

Week 1: Python Data Types

- Numbers - Integer, Float, Complex Number
- Boolean
- String, String operations, and Methods
- Lists Methods / Tuples, Sets, Dictionaries

Week 2: Preprocessing

- Importing a dataset in python
- Resolving Missing Values
- Managing Category Variables
- Training and Testing Datasets / Normalizing Variables

Week 2: Regression

- Simple / Multiple Linear Regression
- Decision Trees / Random Forest
- Decision Trees and Random Forest - Python Implementation

Week 3: Classification

- KNN - How it works?
- kNN - Python Implementation
- Decision Tree Classifier & Random Forest Classifier in Python
- SVM - How it works?
- SVM - Python Implementation

Week 4: Machine Learning Implementation

- Data Preparation & Exploratory Data Analysis
- Feature Engineering
- Training Model on Data
- Serving the Model
- Deploying the Model

06 | TOOLS & HANDS-ON INDUSTRY PROJECTS

Industry Tools Mastered: Python, NumPy, Pandas, Excel.

Major Projects:

- Smart Building Design with Integrated Energy Consumption Forecasting
- Automated Safety Inspection System for Construction Sites Using Machine Learning

Minor Projects & Case Studies:

- Stock Price Prediction
- Predictive Analysis of Construction Material Costs Using Regression Models
- Automating Floor Plan Generation with Classification Algorithms

COURSE CURRICULUM: IOT & ROBOTICS

HANDS- ON PROJECTS

WILL TRANSFORM CONCEPTS INTO REALITY AND NURTURING INNOVATION

HANDS-ON TOOLS THAT POWER YOUR JOURNEY

AT ALTUS EDUCATION, STUDENTS GAIN PRACTICAL EXPERIENCE WITH INDUSTRY LEADING TOOLS USED BY TOP COMPANIES WORLDWIDE. EVERY TOOL IS CHOSEN TO BUILD REAL-WORLD SKILLS. BY THE TIME STUDENTS COMPLETE THEIR JOURNEY, THEY DON'T JUST UNDERSTAND TOOLS – THEY CAN BUILD WITH IT



RISE ABOVE



LEAD FORWARD



INSPIRE CHANGE