INTRODUCTION

Welcome to MATSUND Learning!

MATSUND Learning is a tech learning division of PAHASP Software Services Private Limited.

At MATSUND Learning, we are dedicated to empowering individuals through cutting-edge tech education. Whether you're looking to upskill in the latest programming languages, dive into data science, or stay ahead in a rapidly evolving digital landscape, MATSUND Learning is here to support your journey.
Our expert-led courses are designed to provide practical, hands-on knowledge that can be applied immediately in real-world scenarios. With a focus on flexibility, innovation, and quality, we ensure that our learners are equipped with the skills they need to excel in today's tech-driven world.

We started our first learning center in Phagwara, Punjab. Along with in-person training, we also offer courses online, allowing students from any city to join. This helps us reach more learners, no matter where they are.

In the future, we plan to expand and open new centers in major cities as soon as possible. Our goal is to make quality education accessible to more students. We are continuously working to improve our courses, provide the best learning experience, and ensure that students receive practical knowledge that helps them in their careers. Whether online or in-person, we are committed to delivering high-quality education to everyone.

Join us and unlock your potential with MATSUND Learning—where education meets innovation.

WHO WE ARE?

PAHASP Software Services Private Limited was founded by a highly experienced software engineer from IIT, who brings over 25 years of expertise in the software industry. Our founder's vision is to bridge the gap between industry demands and tech education, offering high-quality learning experiences to individuals and businesses alike.MATSUND Learning is the tech learning division of PAHASP Software Services Private Limited. With MATSUND Learning, we aim to empower aspiring tech professionals with the skills and knowledge needed to thrive in today's rapidly changing technological landscape.
At MATSUND Learning, our mission is to cultivate a talented pool of professionals for our company and to equip students with the skills needed to navigate real-world challenges and excel in the software industry. We are committed to providing an in-depth understanding of technical concepts, ensuring that our learners gain not only the theoretical knowledge but also the practical expertise required to thrive in today's competitive tech landscape. Our promise is to empower you with the tools and confidence to succeed in your career and make meaningful contributions to the ever-evolving world of technology.

The courses which we are offering are as follows:

- Python
- Artificial intelligence/ Machine Learning
- Scratch Courses for Kids
- Web Development
- Robotics for kids

Looking ahead, we are also planning to introduce a variety of advanced courses, including **Artificial Intelligence, Computer Networks, Distributed Systems, Data Structures & Algorithms**, and **Robotics** specifically designed for students in grades 10 to 12. Our approach emphasizes **project-based learning**, as we believe hands-on experience is essential for deep understanding. While not every course will include a project component, this initiative aims to immerse students in real-world applications of their learning.
In addition to course content, we are committed to supporting our students in their professional journeys, offering guidance in **resume building** to help them stand out in the job market. Upon completion, students will receive a **certificate** as a testament to the skills and knowledge they have gained through our courses, helping them to showcase their achievements with confidence.

MSLC-Artificial Intelligence / Machine Learning(AI/ML)-003

Machine Learning:

- Supervised Learning
    1. Linear Regression
    2. Logistic Regression
    3. Classifier
    4. K-nearest Neighbor
    5. Naive Bayes and Support Vector machine
    6. Decision Tree
- Unsupervised Learning:
    1. Principal component analysis
    2. K-means clustering
    3. Matrix Factorization
    4. Clustering Techniques
- Deep Learning :
    1. Multi Layer Perceptrons
    2. Backpropagation and Gradient Descent
    3. Neural Networks
    4. Recurrent Neural Networks (RNN)
    5. Convolution Neural Networks (CNN)
    6. Reinforcement Learning
    7. Speech Recognition
    8. Computer Vision
    9. Multi model data processing
- Natural Language Processing :
    1. Large Language Models
    2. Prompting and Prompt Engineering/RAG++