

## Python Workshops

- **Python for Beginners** – Learn Python syntax, loops, functions, and basic programming.
- **Advanced Python** – Dive into object-oriented programming, decorators, and performance optimization.
- **Python for Data Science** – Use Pandas, NumPy, and Matplotlib for data analysis.
- **Django & Flask Web Development** – Build web applications using Python frameworks.
- **Python for Automation** – Automate tasks using Python scripting.

## Data Science Workshops

- **Data Science Fundamentals** – Introduction to data analysis, visualization, and statistics.
- **Machine Learning with Python** – Hands-on ML algorithms and model building.
- **Deep Learning & AI** – Neural networks, TensorFlow, and PyTorch.
- **Big Data Analytics** – Working with large datasets using Spark and Hadoop.
- **Data Engineering** – ETL pipelines, data warehousing, and cloud data solutions.

## DevOps Workshops

- **Introduction to DevOps** – CI/CD pipelines, automation, and collaboration.
- **Docker & Kubernetes** – Containerization and orchestration.
- **Infrastructure as Code (IaC)** – Terraform and Ansible for cloud automation.
- **Monitoring & Logging** – Using Prometheus, Grafana, and ELK stack.
- **GitOps & Continuous Deployment** – Automating deployments with GitOps.

## Cloud Workshops

- **AWS Cloud Essentials** – Basics of AWS services and architecture.
- **Azure Fundamentals** – Microsoft Azure cloud computing concepts.
- **Google Cloud Platform (GCP)** – Working with GCP services.
- **Cloud Security & Compliance** – Best practices for securing cloud environments.
- **Serverless Computing** – AWS Lambda, Azure Functions, and Google Cloud Functions.