

## Artificial Intelligence Training

### Duration

2 Days

### Course Outline

Day	Topics Covered
1	<ul style="list-style-type: none"> <li>• Introduction to Artificial Intelligence               <ul style="list-style-type: none"> <li>○ History</li> <li>○ Current state of the art</li> </ul> </li> <li>• Machine Learning               <ul style="list-style-type: none"> <li>○ Supervised Learning</li> <li>○ Unsupervised Learning</li> </ul> </li> <li>• Image Processing               <ul style="list-style-type: none"> <li>○ Rule based</li> <li>○ Deep learning based</li> </ul> </li> </ul>
2	<ul style="list-style-type: none"> <li>• Text Processing               <ul style="list-style-type: none"> <li>○ Natural Language Processing</li> <li>○ Text mining, Sentiment Analysis, etc.</li> </ul> </li> <li>• Internet of Things               <ul style="list-style-type: none"> <li>○ Time Series Analysis</li> <li>○ Applications in Vehicles, Smart cities, etc.</li> </ul> </li> <li>• Banking and Finance               <ul style="list-style-type: none"> <li>○ Fraud/Anomaly Detection</li> <li>○ Business Intelligence/Analytics</li> </ul> </li> </ul>

### Note:

1. The trainer will demonstrate the concepts using Python. But the course does not include any hands-on programming assignments.
2. Throughout the training the trainer will take up various practical examples.
3. We would expect the participants to have some basic background on College Mathematics (Std. 12th) & Computer Programming (preferably Python).