

MODULE 1

1. Define machine learning and explain its applications?
2. Explain the different types of learning in Machine with suitable examples and at least one real-world application for each.
3. What is the difference between supervised and unsupervised learning? Explain with diagrams and examples.
4. Explain semisupervised and reinforcement learning in detail.
5. Which two problems we are trying to solve in supervised learning. And what is the basic idea for solving those problems?
6. List and explain the seven key steps involved in solving a problem using machine learning, providing a clear description of each step.
7. List the Python libraries most commonly used for machine learning tasks and explain the purpose of each, providing an example for every library mentioned.
8. ** Simple code questions from Python libraries