## **Practical Task 3**

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**EXERCISE 1: Formulation of Research Problem**

**Step 1:**

The topic chose from the discipline ‘Artificial Intelligence’ is **‘Machine Learning.’**

**Step 2:**

1. Generative Adversarial Networks
2. Predictive Analytics
3. Adversarial Machine Learning
4. Big Data Handling Approaches
5. Design of Efficient Deep Learning Algorithms
6. Natural Language Processing
7. Data Analytics
8. Robotics and ML
9. Architecture of ML- Assisted Models for Ease of Life
10. Design and Optimization of Expert Systems
11. AI Ethics with ML
12. Function Approximation in Deep Learning Algorithms

**Step3:**

1. Architecture of ML- Assisted Models for Ease of Life
2. Natural Language Processing