Assignment 1: Writing a Summary of a Research Paper on Deep Learning

Objective:

Develop a comprehensive summary of the provided research paper, "A Survey of Deep Learning: Platforms, Applications and Emerging Research Trends," focusing on understanding and conveying the key points, methodologies, and conclusions drawn by the authors.

Background:

The paper provides a detailed overview of the developments in deep learning technologies, covering various platforms, applications, and potential areas for future research. It emphasizes the impact of deep learning in various fields, including image processing, natural language processing, robotics, and more.

Assignment Instructions:

1. **Reading and Understanding:**

   o   Read the entire research paper thoroughly.

   o   Highlight key points, including the main thesis, methodologies, findings, and conclusions.

2. **Drafting the Summary:**

   o   Begin with a brief introduction to the paper (introduction section).

   o   Summarize the main objectives of the research and the problems it aims to address.

   o   Outline the methodologies used by the authors, mentioning any specific technologies, platforms, or analytical methods.

   o   Discuss the key findings and their implications in the context of existing research and potential future applications.

   o   Conclude with a summary of the authors' conclusions and suggestions for further research.

   o   Please reflect on your experience of reading this paper. Discuss any changes in your understanding or perspective before and after engaging with the paper.

- Additionally, elaborate on your views regarding the future directions of artificial intelligence.

3. **Review and Edit:**

- Review your summary for clarity and coherence.

- Edit for grammar, punctuation, and academic tone.

Submission:

- Submit the summary in a Word document or PDF format.

- Ensure your summary spans 1-2 pages, with a minimum of 1 full page.