

Guide Practical Use of Artificial Intelligence (AI) in the Modern Era

UNDERSTANDING THE CONCEPTS, TYPES, BENEFITS, AND EXAMPLES
OF AI APPLICATION IN A SIMPLE AND APPLICABLE WAY.

SADIAN JULIAN SYAH

FOREWORD

Praise and gratitude I pray to the presence of God Almighty because of His grace and mercy, this e-book titled "Practical Guide to Using Artificial Intelligence (AI) in the Modern Era" has finally been completed well. This e-book was compiled as a portfolio project in utilizing Microsoft Word, as well as a learning medium regarding the increasingly rapid development of artificial intelligence technology today.

The current development of AI has had a major impact in various fields, ranging from education, work, business, to creativity. Therefore, this e-book is expected to provide a basic understanding of what AI is, its types, and examples of practical applications through various modern AI platforms. In addition to being learning material, this e-book is also intended to demonstrate the ability to prepare documents professionally according to formal writing standards.

I realize that this e-book certainly still has shortcomings. Therefore, I am very open to constructive criticism and suggestions for the improvement of future works. Hopefully, this e-book can be useful for readers and can serve as a basic reference in understanding artificial intelligence technology.

Finally, I would like to thank all parties who have provided support in the process of compiling this e-book.

Sadian Juliansyah

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TABLE OF CONTENTS

CHAPTER 1	1
INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)	1
1.1 What is Artificial Intelligence (AI)	2
1.2 A Brief History of the Development of AI	3
1.3 AI Development in the Modern Era	4
CHAPTER 2	6
TYPES OF ARTIFICIAL INTELLIGENCE (AI)	6
2.1 Generative AI	7
2.2 Computer Vision	8
2.3 Natural Language Processing (NLP)	9
2.4 Machine Learning vs Deep Learning	11
2.5 AI in Automation	13
CHAPTER 3	15
BENEFITS AND APPLICATIONS OF ARTIFICIAL INTELLIGENCE (AI)	15
3.1 Benefits of AI in Education	15
3.2 Benefits of AI in Business	17
3.3 Benefits of AI in Creativity (Image, Video, Music)	19
3.4 Benefits of AI in Daily Life	20
CHAPTER 4	23
PRACTICAL EXAMPLES OF USING AI	23
4.1 Using AI to Create Text (Prompt Examples)	23
4.2 Using AI to Create Images (Prompt Examples)	26
4.3 Using AI to Create Video (Prompt Examples)	28
BIBLIOGRAPHY	32
CLOSING	33

CHAPTER 1

INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)



The development of digital technology in the last few decades has brought major changes in the way humans work, learn, and interact. One of the most influential innovations is Artificial Intelligence (AI). This technology is now not only used in scientific research or large industries, but has also entered daily life and become a part of modern society's activities.

This chapter is designed to provide an initial understanding of the basic concepts of AI, how this technology emerged, and how its role has evolved to become one of the most important innovations in the current era. By understanding the foundations of AI, readers are expected to follow the subsequent chapters more easily and gain a big-picture view

of how AI works and why this technology is so vital in the development of the digital world.

1.1 What is Artificial Intelligence (AI)

Artificial Intelligence (AI) is a branch of computer science focused on the development of systems or machines capable of mimicking human thinking abilities. These capabilities include understanding language, recognizing patterns, making decisions, and solving problems independently. In other words, AI enables computers to learn from data, adapt to new inputs, and perform specific tasks without having to be manually programmed for every single step.

In its development, AI has become the foundation of various modern innovations, such as virtual assistants, translation applications, recommendation systems, and autonomous vehicle technology. AI is no longer viewed as a futuristic concept, but rather as a technology that is already present and widely used in daily life. Its ability to process data quickly and accurately makes AI one of the most influential technologies in the digital era.

The existence of AI continues to evolve alongside the increasing availability of data and advancements in computing. This makes AI increasingly intelligent and capable of executing more complex tasks. Understanding what AI is constitutes a vital initial step before studying the types, benefits, and methods of its application in various modern fields.

1.2 A Brief History of the Development of AI

The development of artificial intelligence did not happen instantaneously. AI has undergone a long journey, starting from theoretical concepts to becoming a technology that can be widely used today. The history of AI demonstrates how human ideas about machines that can "think" have evolved alongside advancements in computer science, mathematics, and computing technology.

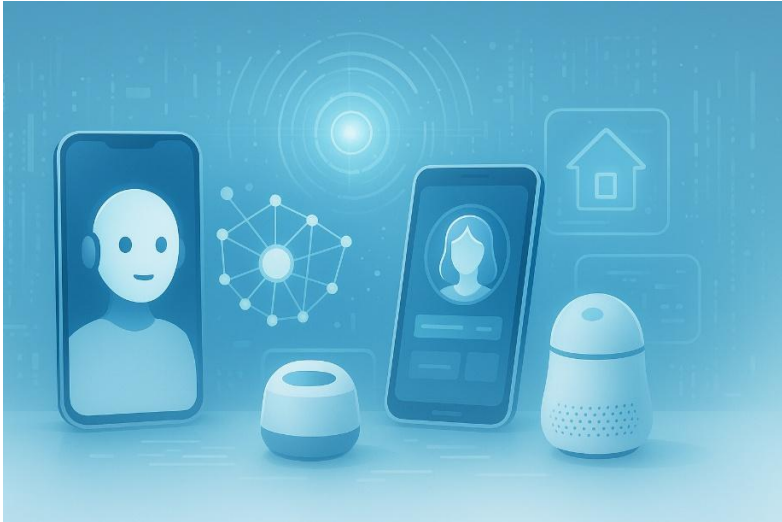
The initial idea regarding machines that could mimic human thought processes can be traced back to 1950, when a scientist named Alan Turing introduced the Turing Test—a method to assess whether a machine is capable of exhibiting intelligent behavior equivalent to that of a human. A few years later, in 1956, the term Artificial Intelligence was officially coined during the Dartmouth Conference, which is considered the birth point of modern AI research.

In the era of 1960–1980, AI research expanded with the emergence of expert systems, which were computer programs designed to mimic the decision-making ability of an expert in a specific field. However, AI progress slowed down during periods known as "AI Winters," due to technological limitations and high computing costs.

The resurgence of AI occurred in the 2000s when machine learning and deep learning technologies began to develop rapidly. This was supported by the availability of massive amounts of data as well as increases in computing power. From the 2010s to the present, AI has advanced further with the emergence of technologies such as virtual assistants, autonomous vehicles, facial recognition, and generative AI capable of producing text, images, music, and even video.

This long journey demonstrates that AI is the result of a continuous technological evolutionary process and will continue to evolve in line with human needs in the future.

1.3 AI Development in the Modern Era



The development of artificial intelligence in the modern era has experienced much faster acceleration compared to previous periods. This is caused by several important factors: increasing computational capacity, the abundance of digital data, and advancements in machine learning algorithms. These developments have made AI not only used by researchers or large technology companies, but also accessible to the general public through various digital applications and platforms.

One of the main milestones of modern AI development is the emergence of deep learning, a machine learning method that mimics the workings of the human neural network. With this

technology, AI is capable of processing large amounts of information and recognizing patterns with a high level of accuracy. Deep learning has become the foundation for innovations such as facial recognition, object detection, automatic language translation, and recommendation systems on social media.

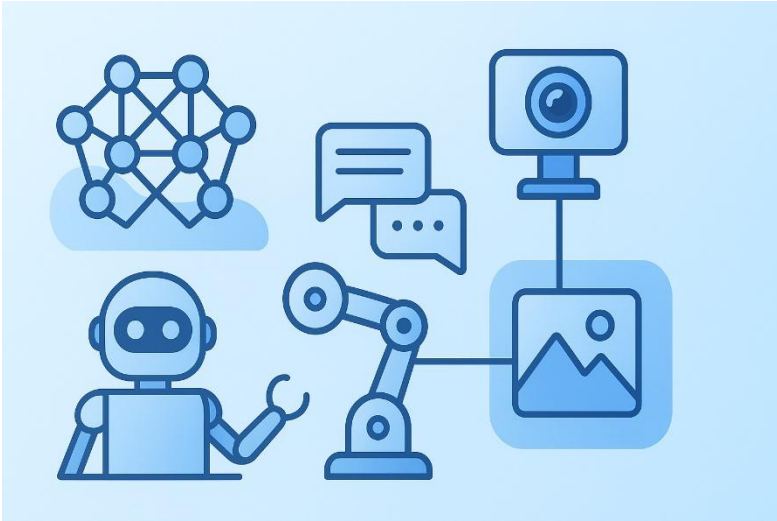
Furthermore, the modern era is also marked by the presence of generative AI, a technology that allows machines to create new content such as text, images, video, and audio. The presence of generative AI has opened new opportunities in the creative world, education, and professional work. People can now create designs, illustrations, music, and even business plans just by providing simple instructions in the form of prompts.

AI is also increasingly integrated into daily life. Starting from the use of virtual assistants on smartphones, AI-based camera features, health analysis through wearable devices, to smart security systems at home. This increasingly widespread application shows that AI is no longer a technology of the future, but has become part of the needs of modern society.

Overall, the development of AI in the modern era reflects a major shift in how humans utilize technology. AI is not only used as a tool, but also as a work partner capable of increasing efficiency, creativity, and decision-making in various fields.

CHAPTER 2

TYPES OF ARTIFICIAL INTELLIGENCE (AI)



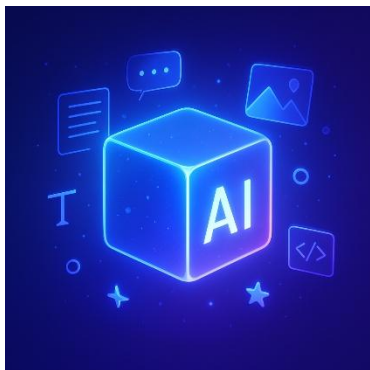
The increasingly rapid development of artificial intelligence is inseparable from the various approaches and technologies used within it. AI is not a single concept, but rather consists of various types that have different functions, goals, and working mechanisms. Understanding the types of AI helps us see that artificial intelligence technology is vast, ranging from simple systems to those capable of deeply mimicking human thought processes.

In this chapter, readers will be introduced to several of the most common and widely used types of AI in the modern era. The discussion covers Generative AI, Computer Vision, Natural Language Processing (NLP), Machine Learning and Deep Learning, as well as AI for automation. This understanding serves as an essential foundation before

studying the benefits and examples of AI application in subsequent chapters.

Through structured explanations, readers are expected to understand the differences between each type of AI, see how each technology works, and recognize its practical applications in daily life.

2.1 Generative AI



Generative AI (Generative Artificial Intelligence) is a type of artificial intelligence capable of producing new content based on patterns and information learned from data. Unlike traditional AI, which only analyzes or classifies data, generative AI can create something entirely

new, such as text, images, audio, music, and even video. This capability makes generative AI one of the most exciting and influential innovations in modern technological development.

The working mechanism of generative AI generally involves large-scale deep learning models, such as large language models (LLM) for generating text, or diffusion models for generating images. These models are trained using large-scale datasets, enabling them to recognize complex patterns and produce outputs that resemble human-made work. Popular examples of generative AI technology include

intelligent chatbots, image generators, video generators, as well as tools that produce music and visual designs. The presence of generative AI provides various benefits across many fields. In the creative world, AI can assist in producing illustrations, storyboards, and initial concept designs. In education, AI is used to help create material summaries or practice questions. In business, generative AI is useful for creating document drafts, report analysis, and content automation. With its flexible capabilities, generative AI has become one of the most widely used technologies by both general users and professionals.

2.2 Computer Vision



2.2 Computer Vision

Computer Vision is a branch of artificial intelligence that focuses on the ability of computers to understand and analyze images or videos, much like the way humans see and recognize objects around them. This technology enables

machines to "see," identify, and interpret visual information through image processing and machine learning algorithms. The working mechanism of Computer Vision includes several stages, ranging from detecting objects, recognizing shapes and patterns, to understanding the context within an image or scene. With the development of deep learning models, particularly convolutional neural networks (CNN), Computer

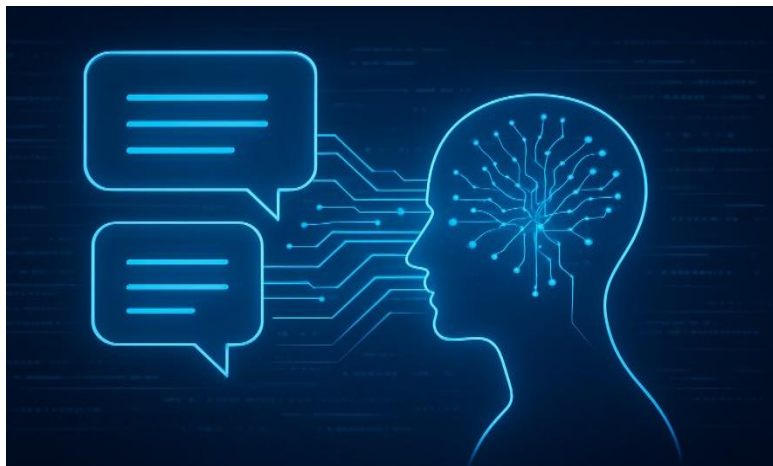


Vision capabilities have increased rapidly and are able to achieve high accuracy in various visual tasks. Computer Vision technology is now widely used in daily life. Examples include facial recognition features on smartphones, smart camera-based security systems, object detection in autonomous vehicles, and medical applications such as X-ray and MRI image analysis. In the creative industries and social media, Computer Vision is used for automatic filters, camera effects, and gesture recognition. With its ability to analyze visual data quickly and accurately, Computer Vision has become an essential component in the development of modern technology that relies on intelligent image and video processing.

2.3 Natural Language Processing (NLP)

Natural Language Processing (NLP) is a branch of artificial intelligence focused on the ability of machines to understand, process, and generate human language. This technology enables computers to read text, listen to speech, understand meaning, and provide relevant responses, much like communication between humans.

NLP works by breaking down human language into small elements such as words, phrases, and sentences, then

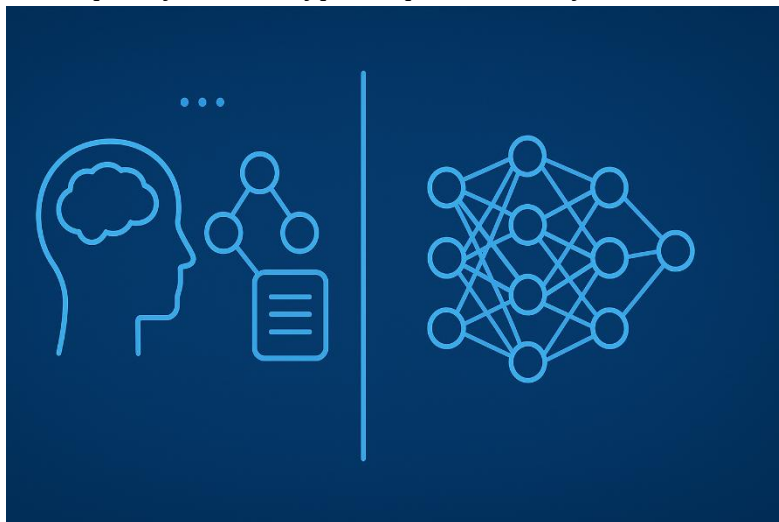


analyzing their structure and context. In modern developments, NLP extensively utilizes deep learning models and large language models to understand text more deeply and naturally. This allows machines to capture language nuances, answer questions, translate, and generate new text. The application of NLP is vast and can be found in nearly all digital devices. Examples include chatbots, virtual assistants, language translation tools, sentiment analysis systems on social media, and auto-correction features in typing applications. In the professional world, NLP is used for document summarization, text data analysis, and automated report generation.

With its ability to bridge machines and human language, NLP has become one of the main pillars of modern AI development. This technology allows humans to interact with computers more intuitively, quickly, and efficiently.

2.4 Machine Learning vs Deep Learning

Machine Learning (ML) and Deep Learning (DL) are two vital concepts in artificial intelligence often used to develop systems capable of learning from data. Although both belong to the field of machine learning, these two technologies have fundamental differences in their working mechanisms, levels of complexity, and the types of problems they can solve.



Machine Learning is a method that allows computers to learn from data and make predictions or decisions based on discovered patterns. ML models usually require a training process involving feature engineering, which is the manual selection of important information from data before the learning process takes place. Examples of ML applications include recommendation systems, email spam classification, and simple predictions on business data.



Meanwhile, Deep Learning is a branch of Machine Learning that utilizes artificial neural networks with many layers (deep neural networks). Unlike traditional ML, Deep Learning is capable of automatically extracting features directly from raw data without the need for manual processing. This capability makes DL highly superior in handling complex data such as images, audio, and text. Examples of its application include facial recognition, object detection, virtual assistants, and AI-based content generators.

In simple terms, Machine Learning can be considered the foundation of machine learning, while Deep Learning is an advanced and more sophisticated form that is better able to handle large-scale data and more complex patterns. Both complement each other and serve as essential parts of modern AI technological development.

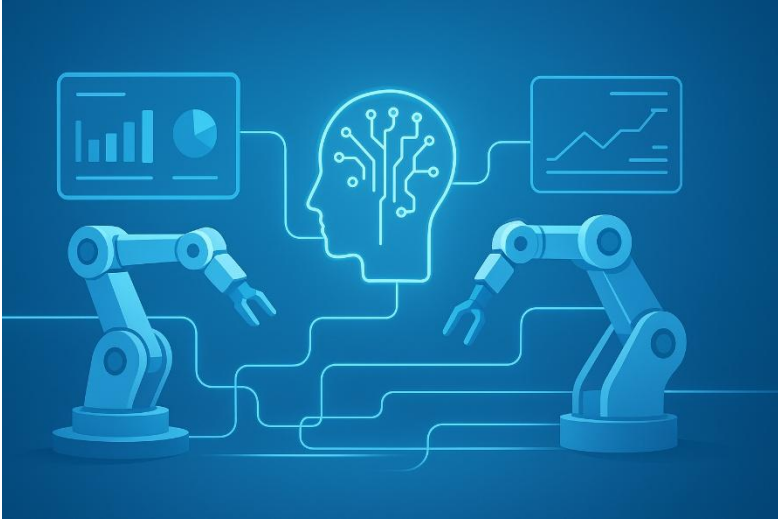
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complement each other and serve as essential parts of modern AI technological development.

2.5 AI in Automation

AI in automation refers to the use of artificial intelligence to perform tasks automatically without requiring direct human intervention. This technology utilizes the machine's ability to analyze data, recognize patterns, and make both simple and complex decisions independently. Its primary goal is to increase efficiency, reduce errors, and accelerate workflows. One of the most common forms of automation is Robotic Process Automation (RPA), a technology that enables software robots to mimic human actions in performing repetitive tasks, such as processing data, filling out forms, or compiling reports. When combined with AI, RPA becomes more intelligent because it can handle unstructured data, understand context, and make decisions based on analysis. AI-based automation is now widely used in various fields. In the business world, AI helps automate



customer service through chatbots, managing work schedules, and even processing transactions automatically. In the manufacturing industry, AI is used to monitor production processes, detect machine malfunctions, and improve product quality. Meanwhile, in daily life, automation technology can be seen in smart homes that automatically manage lighting, home security, and electronic devices. With the ability to speed up work and reduce the human burden on routine tasks, AI in automation has become an essential element in digital transformation across various modern sectors.

CHAPTER 3

BENEFITS AND APPLICATIONS OF ARTIFICIAL INTELLIGENCE (AI)

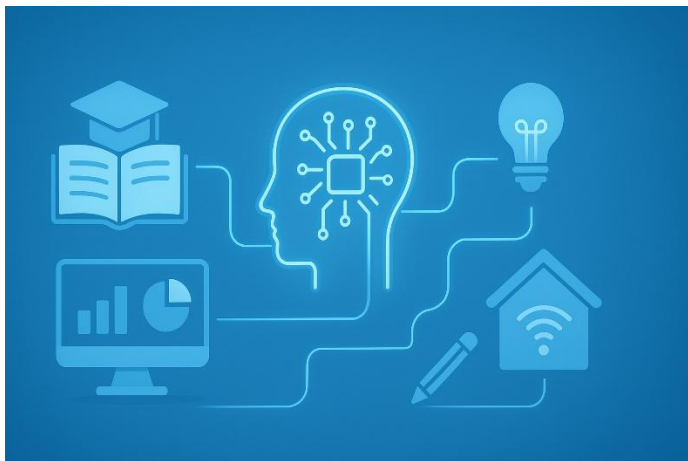
The increasingly rapid development of artificial intelligence has brought a significant impact on various aspects of human life. AI is not only used as a high-tech supporting tool, but is also present in daily activities that we often do not realize. AI's ability to process data, recognize patterns, and make decisions automatically makes it one of the most influential technologies in the digital transformation of the modern era.

In this chapter, readers will learn about the various benefits of AI and its application in several important fields such as education, business, creativity, and daily life. Each section will present relevant and easy-to-understand examples, so readers can see how AI plays a direct role in increasing efficiency, productivity, and the comfort of human life.

By understanding the application of AI thoroughly, readers are expected to be able to see that this technology is not just a technical innovation, but an important part of modern solutions that help humans in various situations.

3.1 Benefits of AI in Education

Artificial intelligence provides a major contribution to the world of education by presenting learning methods that are more effective, personalized, and easily accessible to all groups. AI helps simplify the teaching and learning process for students, university students,



and educators alike. This technology also enables the delivery of materials that are more interactive and tailored to the needs of each individual.

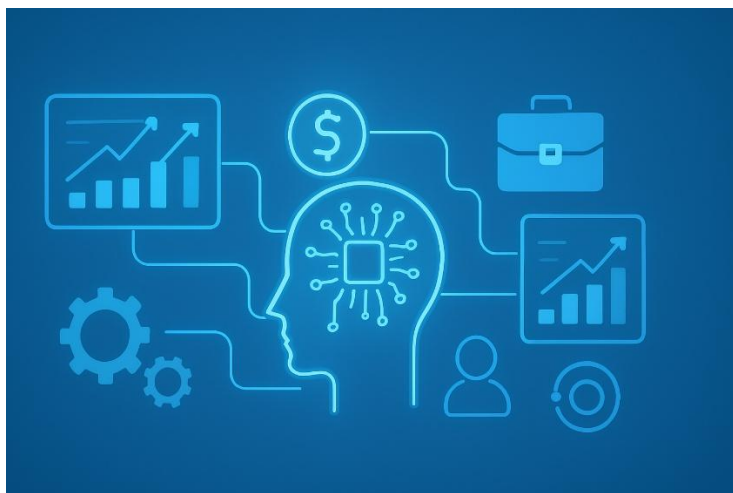
One of the applications of AI in education is adaptive learning, where the system automatically adjusts materials based on the student's ability and learning pace. In this way, students can receive exercises, questions, or additional explanations tailored to their level of understanding. Furthermore, AI is also used in the form of digital learning assistants, such as educational chatbots capable of answering questions, providing conceptual explanations, and assisting in task completion.

AI also contributes to increasing efficiency for educators. This technology can help grade assignments, create questions, and analyze student learning progress automatically. This allows teachers and lecturers to focus more on teaching processes that require direct interaction, such as discussion and guidance.

Additionally, AI provides new learning resources such as automated instructional videos, material summaries, and interactive simulations. With its ability to simplify complex information, AI also helps expand access to education for many people, including distance learning and informal education.

Overall, the utilization of AI in education creates a learning environment that is smarter, more adaptive, and inclusive, thereby enhancing the quality of learning in the digital era.

3.2 Benefits of AI in Business



In the business world, artificial intelligence has become one of the most influential technologies in increasing efficiency, productivity, and the quality of decision-making. AI helps companies of various scales—from small and medium enterprises to large corporations—to optimize operational processes and deliver better services to customers.

One of the most common applications of AI in business is data analysis. AI can process large amounts of data quickly and accurately, allowing companies to understand market trends, customer behavior, and growth opportunities. This technology also supports the customer segmentation process, which categorizes customers based on habits and preferences, enabling marketing strategies to be more targeted.

AI is also widely used in customer service through intelligent chatbots capable of responding to questions automatically 24/7. With the ability to understand human language, chatbots can provide necessary information to customers, handle simple complaints, and even assist in the product or service ordering process. This makes service faster, more efficient, and cost-effective.

In business operations, AI plays a role in the automation of repetitive tasks, such as document processing, inventory management, and financial report calculations. This technology helps reduce human error, accelerates administrative processes, and increases employee productivity.

Additionally, AI is used for digital security, such as detecting suspicious activities, preventing fraud (fraud detection), and monitoring cyber threats. With the ability to analyze patterns and anomalies in real-time, AI helps companies maintain the integrity of data and information systems.

Overall, the utilization of AI in business brings many advantages, ranging from increased efficiency to the optimization of corporate strategy. This technology provides

businesses the opportunity to grow faster and remain responsive to market changes.

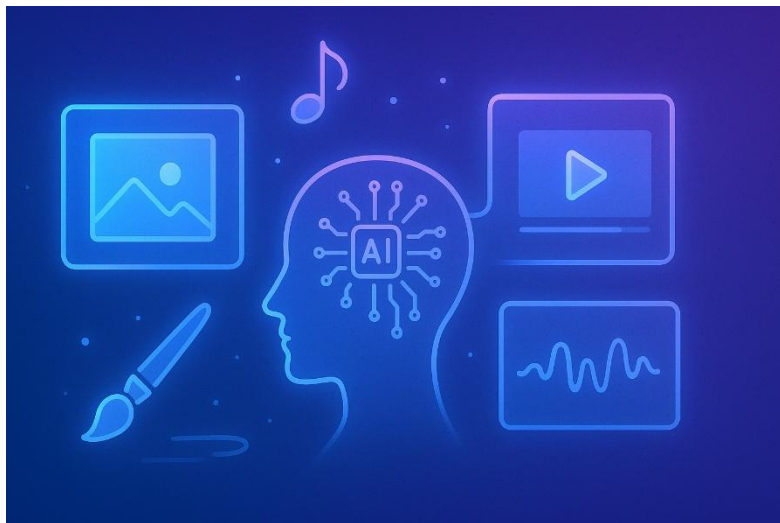
3.3 Benefits of AI in Creativity (Image, Video, Music)

Artificial intelligence does not only play a role in technical and business fields but also has a major impact on the world of creativity. AI has now become a supporting tool capable of assisting artists, designers, content creators, and musicians in producing work more quickly, efficiently, and innovatively. With AI's ability to understand patterns, styles, and both visual and audio preferences, the creative process has become more accessible to everyone.

In the field of image and design, generative AI allows users to create illustrations, logos, character concepts, and digital artworks through simple text prompts. Image generator technology is capable of producing high-quality images in seconds. AI can also help improve image quality, automatically remove backgrounds, and provide recommendations for color and visual composition.

In the video field, AI is used to create animations, generate automatic visual effects, and produce short videos based on text descriptions. This technology also simplifies the editing process through features such as automatic voice alignment, video quality enhancement, scene detection, and subtitle generation. Content creators can now produce videos faster without requiring expensive equipment or advanced technical skills.

In the world of music, AI can create melodies, harmonies, or automatic instrumentals based on specific styles. Musicians



can use AI as a tool for idea exploration, creating backing tracks, or changing song styles. Some AI platforms are even capable of analyzing the emotion of a piece of music and providing appropriate arrangement recommendations. Overall, AI expands the possibilities within the creative world and helps create works that were previously difficult to achieve without deep technical skills. This technology does not replace human creativity but serves as a partner that accelerates the process and opens new opportunities for creation.

3.4 Benefits of AI in Daily Life

Artificial intelligence has become an integral part of modern human life and is present in various activities we perform every day. Many technologies that were previously considered futuristic are now widely used without us even realizing it. AI helps simplify tasks,



increase comfort, and provide a more personalized experience when using digital devices.

One form of AI application in daily life is virtual assistants such as Google Assistant, Siri, and Alexa. This technology is capable of understanding voice commands, answering questions, managing schedules, and even controlling other devices at home. This capability makes it easier for users to perform various activities without having to touch the device directly.

AI also plays an important role in smart homes, such as automatic lighting, smart security cameras, room temperature regulators, and household appliances that can be controlled remotely. These systems work by recognizing usage patterns and providing recommendations to save energy and enhance home security.

In the entertainment world, AI is used by music and video platforms to provide content recommendations based on user preferences. This technology analyzes watching or listening habits and automatically displays relevant content. Additionally, AI also helps filter negative comments, reduce spam, and keep digital spaces safe.

AI also supports a healthy lifestyle through wearable devices such as smartwatches capable of monitoring heart rate, sleep quality, steps taken, and daily activity. These devices use AI to provide more accurate health analysis and lifestyle recommendations based on user data.

With the presence of AI in various daily activities, this technology has become a partner that helps improve the comfort, security, and efficiency of modern life.

CHAPTER 4

PRACTICAL EXAMPLES OF USING AI

This chapter discusses various direct applications of AI that readers can use to support daily activities, work, and creative development. The examples presented are designed to be easy to understand, relevant, and accessible to users without requiring deep technical skills. Through these practical examples, readers can see how various AI platforms work and how the technology can help improve productivity and efficiency.

In this chapter, readers will be introduced to several categories of AI usage, such as automated text generation, image creation, video production, and professional work support tools. Each category is accompanied by a concise explanation, key benefits, and an overview of basic usage to help readers adapt to modern AI technology.

Through the understanding and direct practice in this chapter, readers are expected to be able to apply AI technology to various needs with greater confidence and effectiveness.

4.1 Using AI to Create Text (Prompt Examples)

Text-based artificial intelligence, such as chatbots and content generators, can assist in drafting various types of writing ranging from articles, summaries, and social media

captions to creative ideas. Users only need to provide clear instructions



or prompts, and the AI will generate text according to their needs. For optimal results, a prompt should include context, purpose, writing style, and specific constraints.

The following are several examples of simple prompts that can be used for various writing needs:

1. Prompt for Creating a Short Article

Prompt:

"Briefly explain what cloud computing technology is in easy-to-understand language, approximately 2 paragraphs, with a formal yet simple writing style."

2. Prompt for Creating a Summary

Prompt:

"Summarize the following text into 3 main points using concise and clear language: [paste text here]."

3. Prompt for Creating Social Media Captions

Prompt:

"Create an Instagram caption themed around future technology with a relaxed tone, maximum length of 30 words."

4. Prompt for Creating a Professional Email

Prompt:

"Write a professional email to propose a partnership to a technology company. Style: formal, polite, and direct to the main point."

5. Prompt for Generating Content Ideas

Prompt:

"Provide 10 educational content ideas themed around AI for Instagram; concise, engaging, and relevant to current trends."

6. Prompt for Creating Simple Scientific Explanations

Prompt:

"Explain the concept of machine learning to a beginner in 1 paragraph using an easy-to-understand analogy."

7. Prompt for Creating a Short Video Script

Prompt:

"Create a 30-second educational video script about the benefits of AI in daily life, using a light and informative storytelling style."

8. Prompt for Rewriting / Paraphrasing

Prompt:

"Rewrite the following paragraph in a more formal style that remains easy to read: [paste paragraph here]."



9. Prompt for Defining Writing Style

Prompt:

"Create an explanation of what Natural Language Processing (NLP) is using a casual writing style, as if explaining it to a friend."

10. Prompt for Creating Practice Questions or Exercises

Prompt:

"Create 5 multiple-choice questions about the history of AI development, complete with the answers."

4.2 Using AI to Create Images (Prompt Examples)

Generative AI for images allows users to create illustrations, design concepts, and digital artwork simply by providing instructions in the form of a prompt. The clearer the prompt—covering style, mood, objects, colors, and quality—the better the resulting image.





This section presents various prompt examples that can be used to generate different types of images, ranging from simple illustrations to advanced creative concepts.

1. Modern Technology Illustration Prompt

Prompt:

"A futuristic city with glowing blue holograms, flying vehicles, and advanced AI interfaces. Clean, vibrant, high resolution, detailed lighting, no text."

2. Stylized Character Prompt

Prompt:

"A friendly AI robot standing in a modern lab environment, soft lighting, white-blue color palette, smooth 3D style, high detail, no text."

3. Futuristic Landscape Prompt

Prompt:

"A peaceful futuristic landscape with floating islands, neon blue rivers, and advanced architecture. Soft ambient light, cinematic, ultra HD, no text."

4. Minimalist Poster Prompt

Prompt:

"Minimalist technology-themed illustration with abstract geometric shapes, blue gradients, clean and modern aesthetic, high resolution, no text."

5. AI at Work Illustration Prompt

Prompt:

"AI hologram analyzing data streams on floating screens, with neural network visuals around it. Sleek futuristic style, bright blue tones, high resolution, no text."



6. App Design Concept Prompt

Prompt:

"Mobile app interface concept for an AI assistant, clean UI/UX layout, white and blue theme, soft shadows, realistic render, no text."

7. Educational Illustration Prompt

Prompt:

"Future classroom with students interacting with a holographic AI tutor, soft light, blue tones, clean futuristic style, high detail, no text."

8. Cover Image Prompt

Prompt:

"Glowing AI brain made of circuits and neon blue lines, floating in a dark futuristic space. High contrast, high resolution, dramatic lighting, no text."

9. AI Creativity Illustration Prompt

Prompt:

"AI generating images, videos, and music waves on floating holographic panels, vibrant colors, creative futuristic theme, detailed, no text."

10. Icon or Visual Element Prompt

Prompt:

"Simple technology icons representing AI, cloud computing, automation, and neural networks. Minimalist flat style, blue and white color scheme, high resolution, no text."

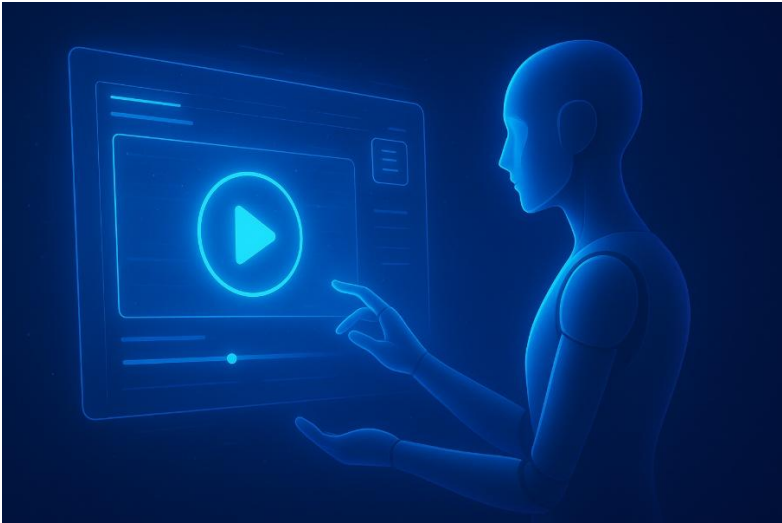
4.3 Using AI to Create Video (Prompt Examples)

Generative AI for video allows users to create animated clips, short visuals, and concept demos simply by providing text-based instructions. This technology is highly useful for

content creators, educators, designers, and business owners who need moving visuals without a complicated editing process.

To ensure better results, a prompt should ideally include:

- The scene or situation to be displayed,
- Visual style (realistic, animated, futuristic, minimalist),
- Duration or movement rhythm,
- Dominant colors or desired mood.



The following are several examples of AI video prompts:

1. Futuristic Technology Video Prompt

Prompt:

"Create a short 5-second video featuring a futuristic city with blue holograms, flying vehicles, and slowly moving neon lights. Modern, clean, and detailed style."

2. PEducational Explanation Video Prompt

Prompt:

"Create a short animated video explaining how AI works simply with moving technology icons. Blue-white colors, gentle tempo."

3. Robot at Work Video Prompt

Prompt:

"Show a humanoid robot working in a modern laboratory, moving to scan a holographic screen. Semi-realistic style, soft lighting, 5-second duration."

4. AI Creativity Video Prompt

Prompt:

"Create an AI video showing holographic panels with images, music, and videos appearing one by one. Futuristic feel with blue light effects."

5. Business Presentation Video Prompt

Prompt:

"A professional animated video showing rising charts, business icons, and data visuals emerging from the center of the screen. Blue, white, and gray colors, 6-second duration."

6. Smart Home Video Prompt

Prompt:

"Create a short video about a smart home with automatic lights, security cameras, and an active virtual assistant. Show a warm yet modern atmosphere."

7. E-book Background Video Prompt

Prompt:

"A simple background animated video of soft moving digital lines in blue, subtle, suitable for a technology background."



8. Generative AI Concept Video Prompt

Prompt:

"A video showing a neural network pattern lighting up and expanding across the screen. Blue and purple light effects, medium tempo."

9. TikTok or Reels Video Prompt

Prompt:

"A 3–4 second modern-style video featuring text animation 'AI Era Modern' with digital glitch effects and blue neon lights."

10. Minimalist Video Prompt

Prompt:

"Create a minimalist video of a holographic circle rotating slowly with small light particles. Light blue color, short duration, elegant style."

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CLOSING

This e-book was compiled as a practical guide to understanding artificial intelligence (AI), along with its benefits and applications in modern life. Through explanations of basic concepts, types of AI technology, and direct examples of use across various platforms, it is hoped that readers can gain a comprehensive overview of how AI can be utilized in daily activities, work, education, and creative fields.

AI technology continues to evolve rapidly and has a major impact on helping humans complete tasks more efficiently and innovatively. A good understanding of how it works and its application is an important step so that we can adapt to increasingly advanced digital technology changes.

I hope this e-book can serve as a beneficial source of basic knowledge and help readers become more familiar with and practice AI technology more closely. May this work also serve as part of a portfolio that demonstrates writing skills, document preparation, and mastery of modern technology.

Finally, I would like to thank the readers for their time and attention. I hope this e-book provides inspiration and enhances the understanding of artificial intelligence in the digital era.