



Concept Note

“Embracing Digital Transformation: Artificial Intelligence (AI) Governance for Leader of the Digital Government Committee”

Date: 30-31 October 2024

Venue: American University of Phnom Penh, Phnom Penh, Cambodia

INTRODUCTION

Artificial Intelligence (AI) technology evolves faster than regulatory frameworks can keep up, creating gaps that can lead to unintended consequences. AI systems can significantly impact society, so it's essential to ensure they are used ethically. This includes preventing biases, protecting privacy, and ensuring decisions made by AI are transparent and explainable. For AI to be widely accepted and trusted by the public, there must be clear guideline and accountability. Governance frameworks help build trust by ensuring AI system are reliable and their operations are understandable. Furthermore, AI can improve the efficiency and effectiveness of public services. However, without proper governance, the deployment of AI cloud lead to unintended consequences, such as job displacement or unfair treatment of certain groups. Government need to ensure that AI systems comply with existing laws and regulations, including those related to data protection and human rights. While government is about to setting rules, it's also about creating an environment where innovation can drive safely. Proper governance frameworks can help balance innovation with safety, ensuring that AI technologies are developed and used responsibly. By implementing robust AI governance, governments can harness the benefits of AI while mitigating its risks, ultimately leading to smart policy making, reimaged service delivery, and more efficient operations.

OBJECTIVES

Government leaders need to understand several key objectives regarding AI governance to ensure the responsible and effective use of AI technologies:

- Ensuring AI systems are designed and used ethically, promoting fairness, and avoiding biases that can lead to discriminatory outcomes.
- Creating and enforcing regulations that keep up with AI advancements to prevent misuse and ensure compliance with laws.
- Implementing AI systems that are transparent and explainable, allowing for accountability in decision-making process.
- Protecting citizen's data privacy and ensuring robust security measures are in place to prevent data breaches and misuse.

- Identifying and mitigating risks associated with AI, including potential misuse and unintended consequences.
- Encouraging innovation while balancing risks, ensuring the country remains competitive in the global AI landscape.

OUTCOMES

After completing this course, participants are expected:

- To Understand Artificial Intelligence - A Transformative Technology
- To Understand AI Impact for Economy, Society, Environment and Business
- To Understand AI Application in Industry and the Public Sector
- To Understand Core Principle of AI Governance & Framework
- To Identify and mitigate risks associated with AI
- To harness the power of AI to create more effective, efficient, and equitable public services
- To create a framework for AI governance that maximizes benefits while minimizing risks

PROGRAMS

30 October

Artificial Intelligence – Fundamental

- Artificial Intelligence – A Transformative Technology
- AI Impact for Economy, Society, Environment and Business
- What is Artificial Intelligence?
- AI Applications and Use Case: Industry & The Public Sector
- Machine Learning and Deep Learning
- Generative AI: Economic Impact and Potential
- Paradigm Shift in Data Modeling – Foundation Models

31 October

AI Governance and Ethics

- What is AI Governance, and Why is it Important?
- AI Governance Framework
- AI Governance – Ethical Framework & Global Collaborative Platform
- AI Governance – Laws and Regulations
- AI Governance – Risk Management
- AI Governance – Auditing Standard