



## Artificial Intelligence Essentials (AIE)

**EXAM** *Blueprint v1*



# Artificial Intelligence Essentials

## Exam Blueprint

S.No	Domains	Sub Domains	Domain %
1	Introduction to Artificial Intelligence	Similarities, Differences, and Collaboration between Human and Artificial Intelligence Data, Algorithms, and Models form the Foundation of AI Systems Milestones and Developments in the Evolution of AI Advancements and Future Directions Shaping AI Technologies	20
2	Everyday AI Tools and Use Cases	Common AI Technologies Used in Daily Life AI Tools in the Workplace AI in Manufacturing and Industrial Processes AI in Transportation AI in Education AI in Cybersecurity	20
3	Building Blocks of AI	Role of Data for Effective AI Systems AI Models and How They are Developed and Trained Machine Learning and Neural Networks Natural Language Processing (NLP) and Its Role in AI Generative AI (GenAI) and Large Language Models (LLMs) Advanced AI Systems and Technologies Selecting the Right Tools for AI Projects	24

<b>4</b>	<b>Prompt Crafting for Effective AI Interactions</b>	Basics of Prompt Engineering	<b>20</b>
		Crafting Effective Prompts	
		Prompt Engineering Techniques	
<b>5</b>	<b>AI Ethics and Responsible AI</b>	Ethical, Societal, and Security Concerns in AI Systems	<b>16</b>
		Principles and Importance of using AI Ethically and Fairly	
		Responsible Practices, Governance, and Global Standards in AI Usage	
		<b>Total</b>	<b>100</b>