

INTRODUCTION

- Practice Advisory – Use of Artificial Intelligence in Professional Practice
- Guidance on how to use AI appropriately
- Professionals remain responsible
- Considerations when using AI
- How to maintain regulatory compliance

*EGBC AI
Advisory*

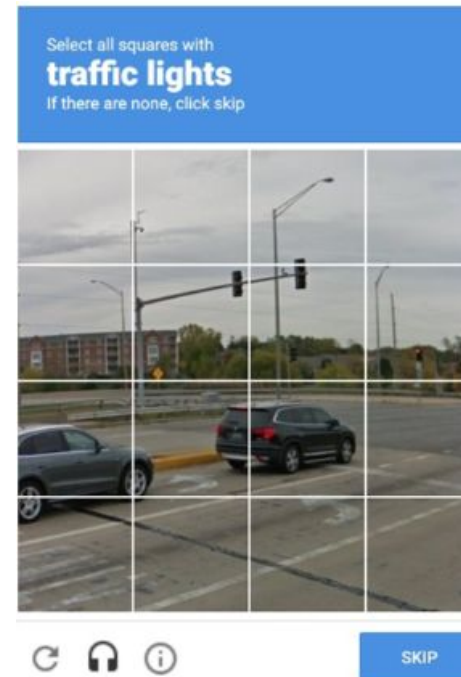


AI OVERVIEW & BACKGROUND

- What is AI
- Types of AI
 - Expert Systems
 - Machine Learning
 - Generative



Expert System



Machine Learning



Generative

AI OVERVIEW & BACKGROUND



- Static AI
 - Remains unchanged



- Dynamic AI
 - Changes over time
 - Learns, evolves

Environmental Impacts – Challenges

Energy

- 1.5% of global energy demand in 2022
- Reliable, uninterrupted power needed
- 30% powered by coal globally

- 0.5% of global CO₂ emissions
- 1.5% by 2035

Local Impacts

- Localized overconsumption of resources
- Localized pollution
- Mining of critical minerals

Environmental Impacts – Outlook & Benefits



- Renewables fastest growing source of power
- Currently powering 50% of demand

