LLM02: Insecure Output Handing LLM03: Trained Data Poisoning LLM05: Supply Chain Attack **Author: Sandy Dunn** LLM06: Sensitive Information Disclosure sandy@quarkiq.com v1.6 212024 LLM07: Insecure Plugin Design LLM08: Excessive Agency Competitive Disadvantage LLM09: Overreliance Threat Using AI Models Limited Customer Engagement: Inablility Passive to scale personalized communication Active Innovation Stagnation: Slower pace of innovation and improvements Indirect Prompt Injection User-driven Injection Operational Inefficiency: Slower and less efficient processes Hidden injection Threats NOT using AI Models Market Perception: Viewed as outdated by Payload Splitting customers and partners Fake Resources Higher risk of human error in processes Copyright infringement Inefficient allocation of human resources LLM04: Denial of Service **Product Warranties** LLM10: Model Theft Indemnification ML03: Model Inversion Attack Copyright ML07: Transfer Learning Attack **Al Threat Map** Licensing Legal ML08: Model Skewing Attack Legal Obligations (e.g. fiduciary ML10: Model Poisoning responsibility) Threats to AI Models Inadequate Al Alignment Privacy Improper Error Handling Department of Justice (DOJ) Robust multi-prompt and multi-model Consumer Financial Protection Bureau attacks (CFPB) **US Federal** Traditional Attacks Federal Trade Commission (FTC) **Equal Employment Opportunity** Misidentification i.e. wrongful arrest Commission (EEOC) False Information i.e. criminal offenses California Misinformation influence i.e. elections Colorado Private Information used in training Connecticut Disinformation campaigns Al Legal & Regulatory Threats Maryland (hiring only) Against Al Profiling Deep Fakes Abused authentication New Jersey (civil rights, employment) Synthetic or composite fakes New York (hiring only) Shallow Fake Slightly altered fake image Virginia FraudGPT Tennessee DarkBARD California US State Law chatbot notification Threats from AI Models DarkGPT Colorado Attack Acceleration PoisonGPT Connecticut DarkBERT Indiana DAN 9.0 lowa **US State Law** ChaosGPT Montana Regulatory Hallucination Squatting US State Law Privacy Oregon Artificial Consciousness Tennesse Honey or Poisoned Characters Texas Social manipulation Utah Virginia Washington Florida Illinois Washington US State Law Biometrics Maryland Vermont **EU AI Act** Canada GenAl Guardrails China GenAl Measures Peru Law six core principles Spain AESIA

South Korea Digital Bill of Rights

LLM01: Prompt Injection