PUBLIC RESOURCE & CARE DIRECTIVES

Open-Source Machine Learning Toolkits & API Integration Guidelines

1. OPEN-SOURCE HELPER TOOLKITS

Candelas AI Development LLC maintains an open-source library of developer utility scripts, system helper tools, and automated machine learning model connectors to accelerate external developer integration cycles.

2. INTERFACING WITH CANDELAS API ENDPOINTS

External applications can communicate directly with our centralized platform engine via RESTful and gRPC API channels. All requests must carry a valid, cryptographically signed API developer key passed through the standard Bearer authorization header token slot.

3. MACHINE LEARNING GOVERNANCE AND SECURITY CONTROLS

To ensure high performance and prevent AI model hallucinations, all generative inference pipelines execute within strict mathematical constraints. Input data payloads undergo automated data cleaning, token sanitization, and semantic structure checking before hitting core model weights, blocking adversarial text injection attempts at the door.

4. LEGAL NOTICES AND INTELLECTUALLY PROTECTED STATUS

All open-source tools, code repositories, design structures, and helper modules distributed within this public workspace are published under the standard **MIT Open-Source License**. However, our core proprietary synthesis engines, including the Altiora Protocol and multi-agent intercept machines, are strictly protected under defensive corporate utility patent applications. Reverse engineering, data scraping of model outputs, or unauthorized platform mirror deployments are strictly prohibited.

APPENDIX: MACHINE LEARNING & SECURITY STANDARDS

IEEE Computer Society. (2014). *IEEE standard for software quality assurance processes* (IEEE Std 730-2014). Institute of Electrical and Electronics Engineers. https://www.ieee.org

National Institute of Standards and Technology. (2023). *Adversarial machine learning: A taxonomy and terminology of attacks and mitigations* (NIST AI 100-2 M). U.S. Department of Commerce. https://csrc.nist.gov