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O R D I N A N C E

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BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHICAGO:

 SECTION 1. Chapter 2-68 of the Municipal Code of Chicago is hereby amended by inserting the language underscored, as follows:

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ARTICLE I. DEPARTMENT ORGANIZATION AND FUNCTIONS.

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2-68-010 Establishment – Composition and operation.

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(*Omitted text is unaffected by this ordinance*)

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 SECTION 2. Chapter 2-68 of the Municipal Code of Chicago is hereby amended by inserting a new Article II, as follows:

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ARTICLE II. ARTIFICIAL INTELLIGENCE PROGRAMS.

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2-68-100 Definitions.

For the purposes of this article, the following definitions shall apply:

 "Artificial intelligence" or "AI" means a machine-based system that can, for a given set of human-defined objectives, make predictions, recommendations, or decisions influencing real or virtual environments. Artificial intelligence systems use machine- and human-based inputs to perceive real and virtual environments; abstract such perceptions into models through analysis in an automated manner; and use model inference to formulate options for information or action.

 "CIO" means the City's Chief Information Officer.

 "Department" means the Department of Technology and Innovation.

2-68-105 Guidelines and Procedures for the Implementation of AI Solutions; Pilot Program.

 (a) Pursuant to the authority granted to the CIO under this chapter, within 120 days of the effective date of this article, the CIO shall establish guidelines and procedures for the responsible and effective implementation of artificial intelligence by City departments and the Office of the City Clerk to enhance City operations, improve service delivery to residents, and support critical transformations in key sectors such as transportation, public safety, infrastructure management, and other public services, including, at a minimum:

  (1) *Traffic Management*: Utilizing AI-powered traffic analysis and optimization to reduce congestion, improve traffic flow, and enhance transportation efficiency;

  (2) *Predictive Infrastructure Maintenance*: Employing AI algorithms to predict maintenance needs for critical infrastructure, including roads, bridges, and public utilities, to minimize downtime and ensure public safety;

(3) *Public Safety and Emergency Response*: Deploying AI-powered predictive analytics to anticipate and prevent crime, enhance emergency response times, and improve overall public safety outcomes;

(4) *Waste Management*: Implementing AI-based sensors and data analytics to optimize waste collection routes, reduce costs, and minimize environmental impact;

(5) *Urban Planning and Development*: Utilizing AI to analyze data and inform urban planning decisions, optimize City development strategies, and promote sustainable growth and livability of our neighborhoods; and

(6) *General Public Services*: Introducing virtual assistants and chatbots to provide personalized and efficient assistance to residents, streamline government processes, and improve access to information and services.

(b) Prior to implementation, the CIO shall conduct thorough assessments of any such potential AI solutions, including considerations of data privacy, protecting residents' personally identifiable information, equity, transparency, and public trust, as well as compliance with applicable law, including the Health Insurance Portability and Accountability Act, the Illinois Biometric Information Privacy Act, and Chapter 2-173.

(c) The CIO may establish a pilot program in the areas described in subsection (a) of this section to allow for the piloting and testing of AI tools in the applicable City departments, Office of the City Clerk, and initiatives to evaluate such AI tools effectiveness, feasibility, and potential benefits.

2-68-110 Collaboration and Knowledge Sharing.

(a) Subject to and in accordance with Section 2-68-030, the CIO may collaborate with other municipalities, research institutions, and industry partners to share best practices, results of pilot programs or other implementation of AI tools, and innovative approaches in the use of AI for City operations and service delivery.

(b) The Department shall actively engage with residents, community organizations, and other stakeholders to solicit input, feedback, and recommendations on the implementation of AI solutions, to ensure alignment with community needs and values.

2-68-115 Reporting and Accountability.

(a) The CIO shall provide regular updates and reports to the City Council and the public on the progress, outcomes, and impacts of AI initiatives, including assessments of effectiveness, equity considerations, and any identified risks or challenges.

(b) On or before January 15 and June 15 of each year, the CIO shall submit a semi-annual report to the City Council Committee on Economic, Technology and Capital Development, or its successor committee, on the progress made to implement this article. The report shall include, at a minimum, updates on the progress and outcomes of any pilot programs; the status and timing of any proposed or final guidelines and procedures; the status of any collaborations or agreements with any municipalities, research institutions, and industry partners; any input, feedback, and recommendations information received from residents, community organizations, and other stakeholders; and supporting information as deemed relevant by the CIO. Such reports shall be made publicly available on the Department's website within five business days of its

submission to the City Council Committee on Economic, Technology and Capital Development or its successor committee.

      SECTION 3. This ordinance shall take effect upon passage and publication.

GILBERT VILLEGAS
Alderman, 36th Ward