

Artificial Intelligence Values Alignment Advisory Group

AI Public Listening Session



September 14, 2024

Agenda

- **Welcome Remarks: Acting Chief Technology Officer Stephen N. Miller**
- **Introductions/Roll Call of AI Values Alignment Advisory Group**
- **Co-Chairs: Assistant City Administrator, Dr. Chris Rodriguez and Stacie Whisonant**
- **AI Briefings**
- **Open Discussion**

Responsibilities of the AI Values Advisory Group

- Conduct regular public listening sessions.
- Review key AI Values Alignment Reports and engage with agency leadership on values alignment throughout deployment lifecycle.

The Mayor's Order

On February 8, 2024, Mayor Muriel Bowser created a comprehensive, values-driven framework for AI deployment across DC.

- Six overarching **AI Values**.
- (This) **public** AI Values Alignment Advisory Group.
- An internal AI Taskforce of technical experts.
- Agency-by-agency, and Districtwide planning.

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- **AIVA Co-Chair Remarks: Assistant City Administrator, Dr. Chris Rodriguez and Stacie Whisonant**
- **AI Briefings**
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AI Values Alignment Advisory Group's Appointees

Public Members
Stacie Whisonant Community Co-Chair
David Cook
Corey Griffin
Christopher Jordan
Joe Paul
Melanie Taylor
Stephanie Thomas
James Wyner

Government Members	
Dr. Chris Rodriguez Government Co-Chair	Office of the City Administrator
Marcello Bohrt	Office of Racial Equity
Peter Stephan	Office of Disability Rights
Marc Irlandez	Criminal Justice Coordinating Council
Tristan Reed	Homeland Security and Emergency Management Agency
Kate Gottfredson	Office of the State Superintendent of Education
Stephen Miller Acting Chief Technology Officer	Office of the Chief Technology Officer
Suneel Cherukuri or Designee Teddy Kavaleri Chief Information Security Officer	Office of the Chief Technology Officer

Government Members	
Niquelle Allen	Office on Open Government
Cyrus Verrani	DC Public Schools
Charles Hall	DC Human Resources
Chris Tonjes	Department of Employment Services
Christopher Ashton	Office of Contracts and Procurement
Ayanna Bennett and/or Designee Troy Evans	DC Health
E. Lindsey Maxwell	Office of Labor Relations and Collective Bargaining
Vanessa Natale	Mayor's Office on Legal Counsel

Artificial Intelligence Task Force

Name and Title	Area of AI Expertise
Stephen N. Miller, Acting Chief Technology Officer	AI and Software Development
Henry Lofton, Deputy Chief Technology Officer	AI and Tech Enablement
Suneel Cherukuri, Chief Information Security Officer	AI and Cybersecurity
Matt Sokol, Chief Data Officer	AI and Data Science
Todd Smith, General Counsel	AI Technology and Law

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What are DC's AI Values

- **Clear Benefit to Residents**
- **Safety and Equity**
- **Accountability**
- **Transparency**
- **Sustainability**
- **Privacy and Cybersecurity**

AI Values: Clear Benefit to Residents

- **What Purpose:** What challenge are we trying to meet?
- **Who Benefits:** Who's really benefiting from the AI tool?
Does a third party get more out of this than DC residents?
- **Is AI the Right Choice:** What else did we consider? Is AI right for this problem? Would a simpler tool work better?

AI Values: Safety and Equity

- **Direct Physical Harm:** Will the tool hurt people?
- **Indirect Physical Harm:** Does the tool create unsafe situations?
- **Deprivation of Fundamental Rights:** Could the tool infringe on residents' civil rights?
- **Exacerbating Inequity:** Will DC be a more or less equitable place if the tool is deployed?

AI Values: Accountability

- **Accountable People:** For every AI tool there is an accountable DC government official.
- **Accountable Tools:** Every AI tool's performance is monitored, and values alignment is maintained for the whole lifecycle.

AI Values: Transparency

- **Proactive Public Engagement:** How are we keeping residents aware and engaged? Are we listening to them?
- **Uniform Labeling:** If we create content with generative AI, we need to label.
- **Affirmative Disclosure:** If our AI tools interact directly with the public, we need to tell them up front.

AI Values: Sustainability

- **Cost:** How will the agency control full-lifecycle cost?
- **Environmental Impact:** When choosing the right tool for the job, remember the energy, water, and noise costs associated with training high-performing tools.
- **Job Quality:** What is it like to work alongside this tool?
- **Job Displacement:** DC government's greatest asset is its workforce. If deploying a tool might cause disruptions, how are we planning ahead to protect our employees?

AI Values: Privacy

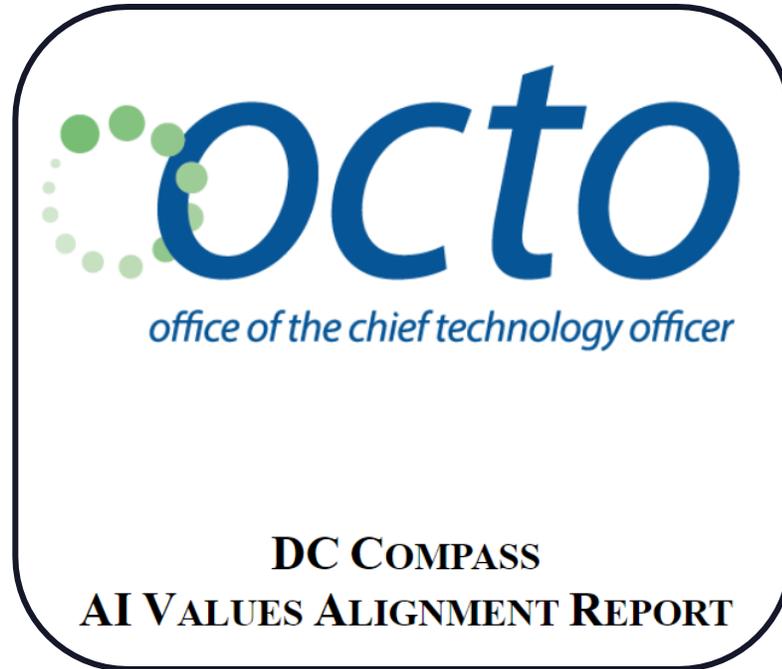
- What information will the tool access?
- Where will the information reside?
- How will it be used?
- What technology will we use to promote privacy?
- How will the law and contract language promote privacy?
- Will there be new privacy concerns we need to tell residents about?

AI Values: Cybersecurity

- How will the tool be **configured**?
- What **systems** will the tool have access to?
- What **data** will the tools touch, and where?
- Will the **public** interact directly with the tool?
- How will the tool receive **security updates** throughout its lifecycle?
- How will we **manage risk** throughout the lifecycle?

Sample AI Values Alignment Report

OCTO's DC Compass Tool



What's the Problem?

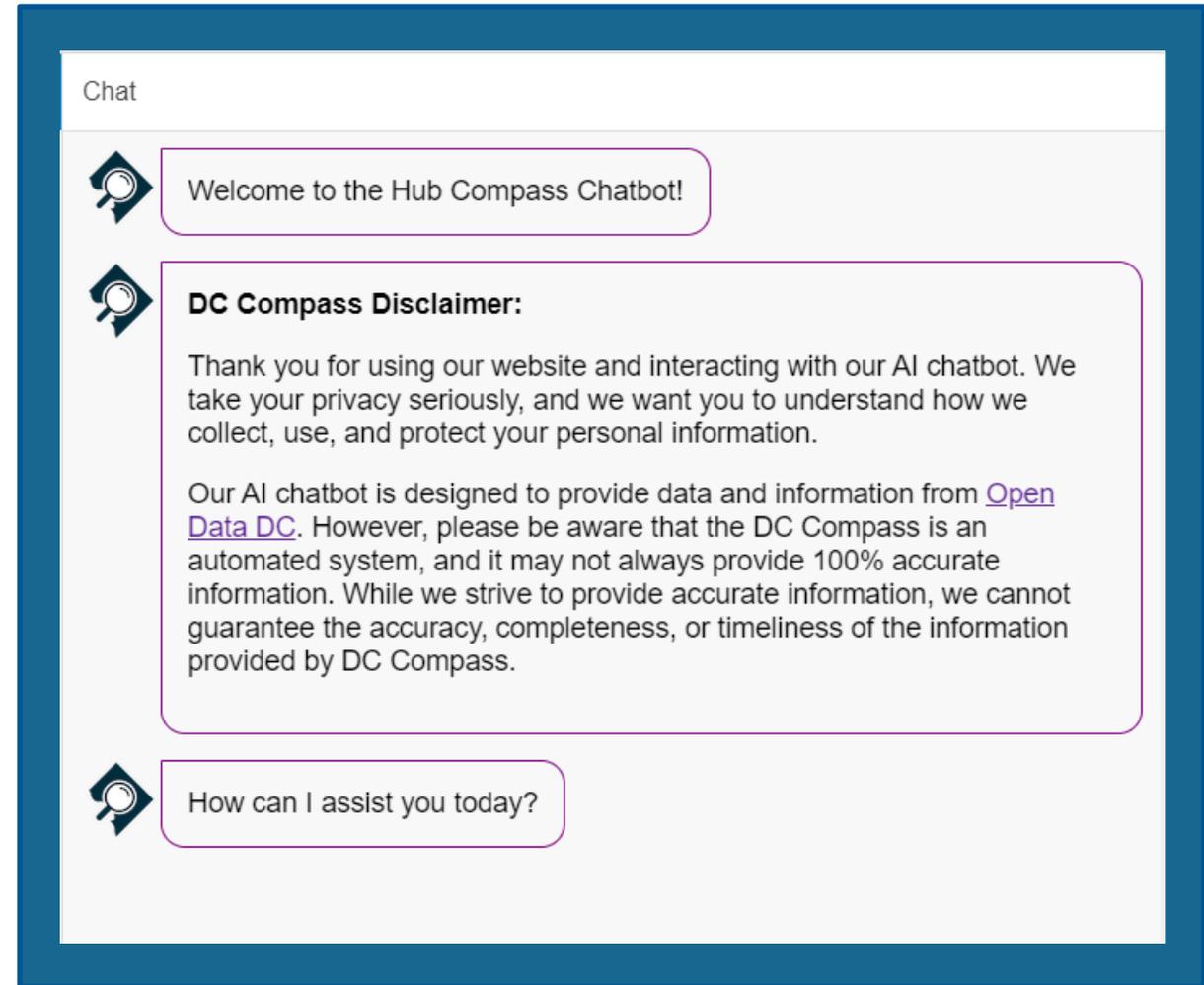


Open Data is fantastic but....

- There's a lot of data available.
I searched "procurement" and got 20 datasets returned, which do I use? Wait, I need to review every datasets metadata?
- Despite how easy the tools have become, if you're not a data person, it's not that easy.
I need to write a query to get what I need. How do I filter hundreds of thousands of records?
- How can I easily find out about city initiatives related to datasets?
I searched on crashes in the city, tell me about the Vision Zero plan and initiative.

Approved Deployment : DC Compass

- Combines the power of generative AI and Open Data
- Uses data summary and GIS functions.
- Allows for text or voice interaction and language translation.
- Only utilizes Open Data. (Level 0 per the [DC Data Policy](#))



DC Compass: Examples

What species of trees are on the block of 200 I Street SE?



The block located at 200 I Street SE has the following tree species: Kentucky coffeetree (*Gymnocladus dioicus*), Sweetgum (sterile) (*Liquidambar Stryaciflua* 'Sterile'), Sugar maple (*Acer saccharum*), American linden (*Tilia americana*), and Sweetgum (*Liquidambar styraciflua*). For more information about the Urban Forestry Street Trees dataset, please visit <https://opendata.dc.gov/content/f6c3c04113944f23a7993f2e603abaf2>. The map below shows the locations of the trees in the area.

AI responses may be incorrect. Please provide feedback to help us improve.



What is the the nearest metro station to the John A. Wilson building?



The closest subway station to the John A. Wilson building is L'Enfant Plaza. For more details about this station, please visit http://www.wmata.com/rail/station_detail.cfm?station_id=82.

How many crashes were there in March 2023?



There were 1711 accidents in March 2023 in Washington, DC. You can find more information about this data set at <https://opendata.dc.gov/content/70392a096a8e431381f1f692aaa06afd>.



Add Dataset to Map

Zoom to Location

DC Compass: Maps and Analysis

Chat

Welcome to the Hub Compass Chatbot!

DC Compass Disclaimer:

Thank you for using our website and interacting with our AI chatbot. We take your privacy seriously, and we want you to understand how we collect, use, and protect your personal information.

Our AI chatbot is designed to provide data and information from [Open Data DC](#). However, please be aware that the DC Compass is an automated system, and it may not always provide 100% accurate information. While we strive to provide accurate information, we cannot guarantee the accuracy, completeness, or timeliness of the information provided by DC Compass.

How can I assist you today?

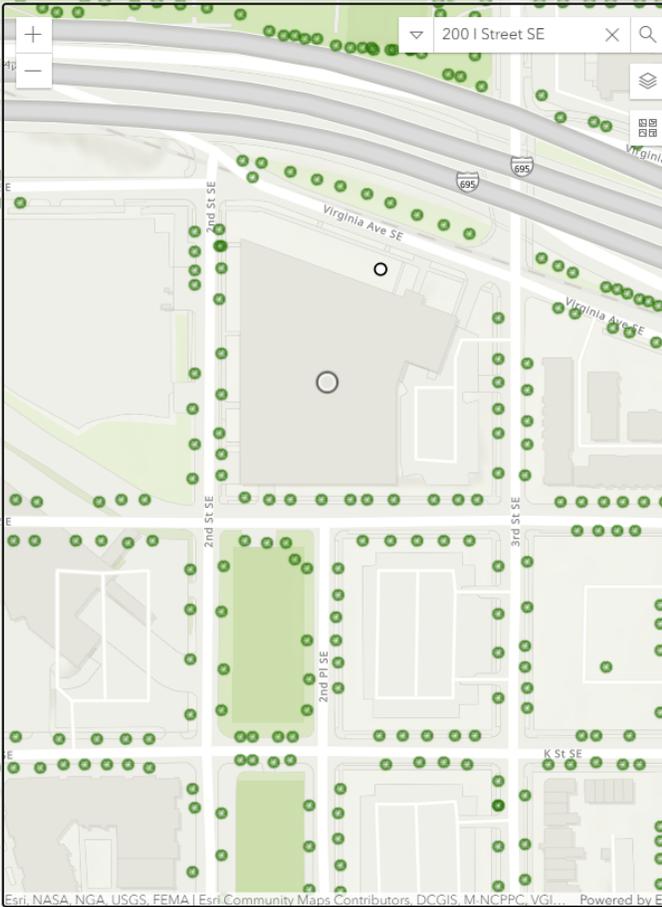
Which species of trees are on the block of 200 I Street SE?

There are four types of trees on the block of 200 I Street SE: Kentucky coffeetree, Sweetgum (sterile), Sugar maple, and Ameri linden. For more information about these trees, please refer to the Urban Forestry Street Trees dataset at <https://opendata.dc.gov/content/f6c3c04113944f23a7993f2e603a>



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Map



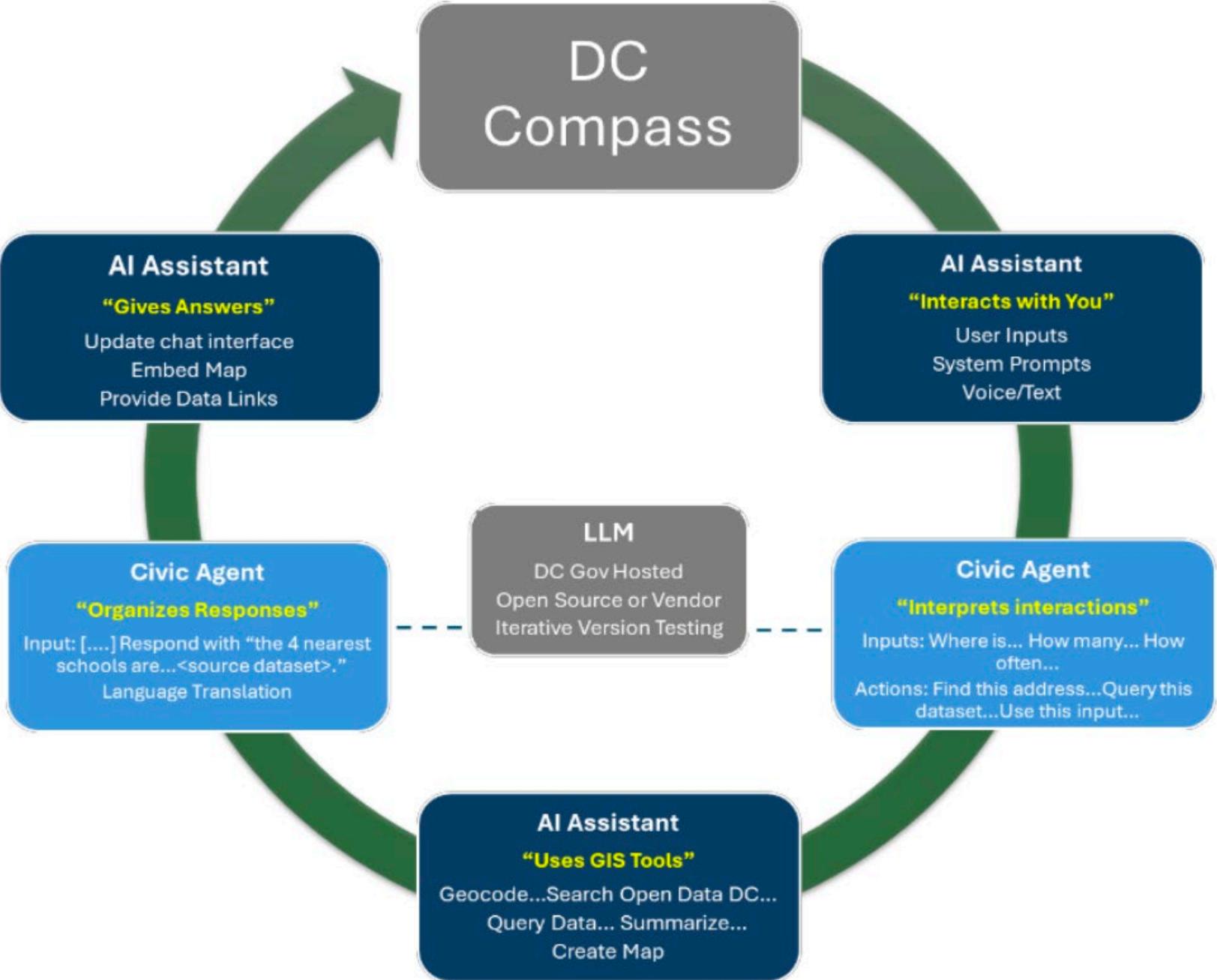
200 I Street SE

Urban Forestry Street Trees - UFA Street Trees (Total: 208,878 | Selection: 0)

Scientific Name	Common Name	Genus Name
Gymnocladus dioicus	Kentucky coffeetree	Gymnocladus
Nyssa sylvatica	Blackgum	Nyssa
Liquidambar Stryaciflua 'S...	Sweetgum (sterile)	Liquidambar
Ulmus americana 'Princeton'	Princeton elm	Ulmus
Quercus phellos	Willow oak	Quercus
Acer saccharum	Sugar maple	Acer
Tilia americana	American linden	Tilia

to
Technology officer

DC Compass: Design



What's Next?



- Currently in public beta
- Continued improvement of existing functionality, model processes and more efficient use of tokenization
- On-going model evaluation: GPT 3.5 vs 4.0 vs Llama
- Additional visualizations and GIS functions
- More conversational data workflows

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Table Discussion

- What are your hopes for AI?
- What's your biggest unanswered question about AI?
- Could AI tools help preserve privacy?
- Could AI tools help improve government efficiency?
- Could tools help to head off bias concerns?



Open Discussion with AI Taskforce

Moderated by AI Values Alignment Advisory Group Co-Chairs



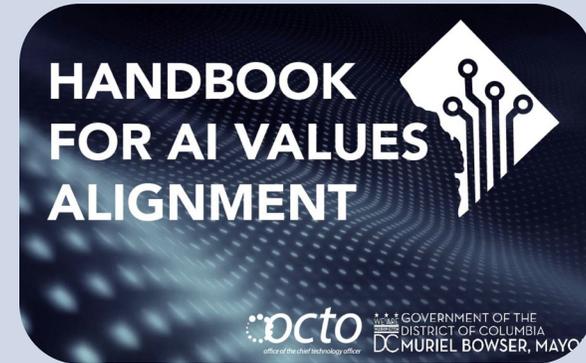
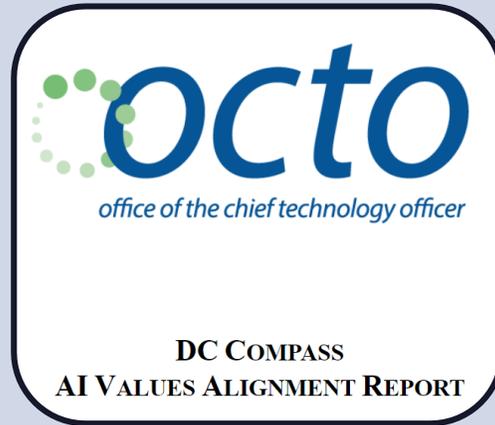
- **Matt Sokol, Chief Data Officer**
- **Todd Smith, General Counsel**



Resources and Next Steps



[AI Values Alignment Video](#)



For more information visit [DC's AI Values and Strategic Plan](#)

If you have any feedback, ideas or questions, please submit to ai@dc.gov.