



The Government is Using AI to Better Serve the Public

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Current as of September 1, 2023.

[Read the Draft Instructions for Agency Reporting in 2024](#)

AI to analyze weather hazards

Excessive heat is the leading weather-related killer in the United States, disproportionately affecting low-income individuals and people of color. The National Oceanic and Atmospheric Administration (NOAA) utilizes AI to analyze urban heat islands, where a highly-developed community or neighborhood experiences much warmer temperatures than nearby areas. By studying urban heat islands with AI, NOAA can work to protect the public from extreme weather.

AI to process veteran feedback

The Department of Veterans Affairs seeks feedback from Veterans on their experience interacting with the VA in order to improve Veterans' experience. The VA is using AI to automatically group free-text comments into topic areas to ensure that major trends are captured, and to facilitate processing and effective case management of comments. All of these efforts ensure that the VA can best serve the needs of Veterans.

AI for patent search

In order to process patent applications, the US Patent and Trademark Office must determine how similar patent applications are to the state of the prior art. The USPTO is using AI to assist examiners with finding relevant documents and additional prior art areas to search to help them in adjudicating new patent applications.

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The Biden-Harris Administration is dedicated to ensuring the U.S. leads in safe, secure, and trustworthy AI innovation to harness the opportunities of AI while mitigating its risks.

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