

# US States most interested in AI Jobs and Future Business AI Adoption Methodology

## Data:

Full data - [ai-svol2.xlsx](#)

BTOS survey responses -

<https://docs.google.com/spreadsheets/d/14UtaAXLVCYtMxF-JhmvLrmX21hvEm-9m/edit?usp=sharing&oid=105847162114610170793&rtpof=true&sd=true>

Taken from <https://www.census.gov/hfp/btos/data>

## Full Methodology:

This study aimed to identify the U.S. states showing the most significant interest in AI jobs and their readiness for future business AI adoption. The methodology involved a multifaceted approach combining public interest in AI-related careers with current and anticipated business use of AI technologies.

To do this, the study utilized Google search volume data and The Business Trends and Outlook Survey responses to gauge the U.S. states' interest in AI jobs and businesses' readiness for AI adoption. The states were ranked based on their average monthly search volume per 100,000 citizens for AI-related job queries. This approach provided a clear picture of public interest in AI careers across different states.

Additionally, survey data from businesses regarding their current and future use of AI technologies offered supplementary insight into how industries are adapting to AI advancements. It's crucial to note that states were ranked by their search interest in AI jobs per capita, offering a direct comparison of public engagement with AI across the nation.

<https://www.census.gov/hfp/btos/data>

Specifically answers to questions 6 - "In the last two weeks, did this business use Artificial Intelligence (AI) in producing goods or services? (Examples of AI: machine learning, natural language processing, virtual agents, voice recognition, etc.)" and 24- "During the next six months, do you think this business will be using Artificial Intelligence (AI) in producing goods or services? (Examples of AI: machine learning, natural language processing, virtual agents, voice recognition, etc.)" were taken into account.