Achieving prosperity in the data economy
An emerging Future of Work strategy for Louisville

Alan Berube, Brookings Metro | @berubea1
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What is artificial intelligence, and why is it important?

Why should Louisville have a strategy for AI and the data economy?

How can the Future of Work initiative drive inclusive growth in Louisville?
1. What is artificial intelligence, and why is it important?
2. Why should Louisville have a strategy for AI and the data economy?
3. How can the Future of Work initiative drive inclusive growth in Louisville?
A set of technologies that enable computers to perceive, learn, reason, and assist in decision-making to solve problems in ways that are similar to what people do.
The Data Economy
Same or different person?

- Same
- Different
- Not sure

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Louisville’s economy has grown, but not everyone is better off

**Jobs 2008-2018**
- Louisville: 10.9%
- Largest metro average: 10.7%
- U.S. average: 6.9%

**Output per capita 2008-2018**
- Louisville: 15.5%
- Largest metro average: 10.4%
- U.S. average: 9.5%

**Median earnings 2008-2018**
- Louisville: -2.7%
- Largest metro average: 6.5%
- U.S. average: 0.1%

Source: Brookings, “Metro Monitor 2020” (forthcoming)
Automation has significantly impacted jobs in Louisville

Source: Muro, Maxim, and Whiton, “Automation and artificial intelligence” (2019)
High-tech jobs, meanwhile, have largely concentrated elsewhere.

Innovation jobs, 2005-2017:
- San Francisco: 77,192
- Seattle: 56,394
- San Jose: 52,288
- Boston: 26,066
- San Diego: 19,949
- Louisville: -51

Source: Atkinson, Muro, and Whiton, “The case for growth centers” (2019)
Artificial intelligence could have big impacts on Louisville’s future

Source: Muro, Whiton, and Maxim, "What jobs are affected by AI?" (2020)
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LOUISVILLE
FUTURE OF WORK INITIATIVE
POWERED BY MICROSOFT AND LOUISVILLE METRO GOVERNMENT
Regional hub
Louisville is the best midsized city in America for opportunities in AI and data innovation

Workforce transformation
Louisville’s workforce is the best most data-credentialed per capita in the nation

Industry development
Louisville leads the nation in AI/data economy-related middle-class job growth rate

Diversity and inclusion
Participants in Louisville’s AI/data economy represent the whole community

AI for good
Louisville models fairness, reliability, transparency, and accountability in its AI/data economy
Regional hub strategies
Workforce transformation strategies
Industry development strategies
Creating a “no wrong door” system for individuals to be connected to services across the health, education and human service sectors.
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