Achieving prosperity in the data economy

An emerging Future of Work strategy for Louisville

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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?

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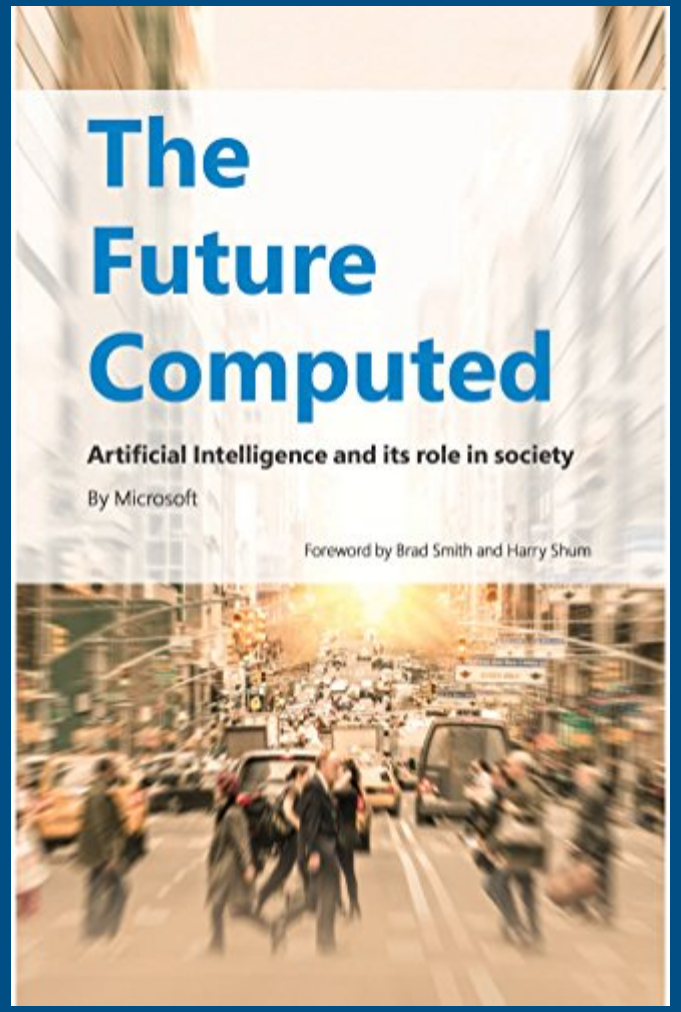
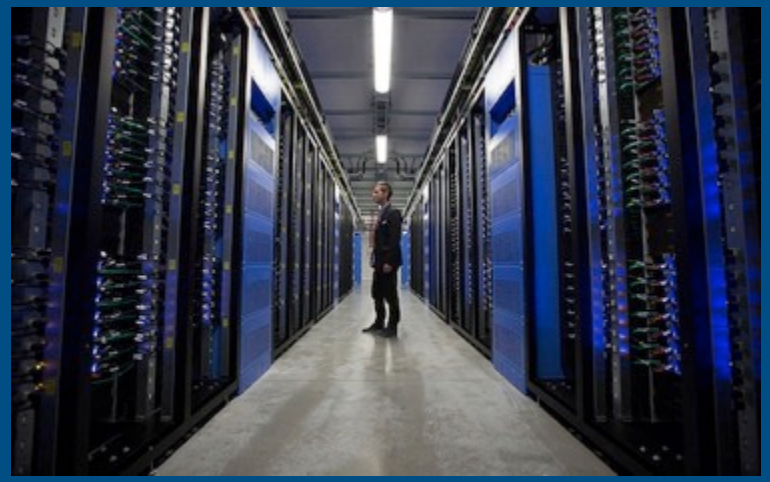
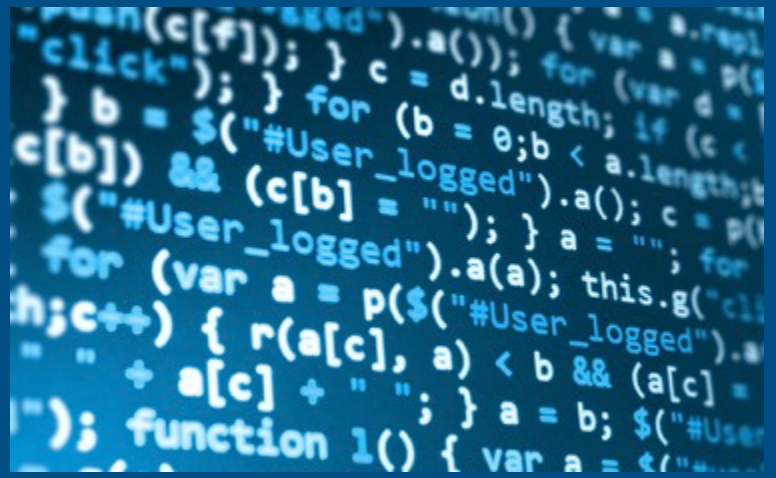
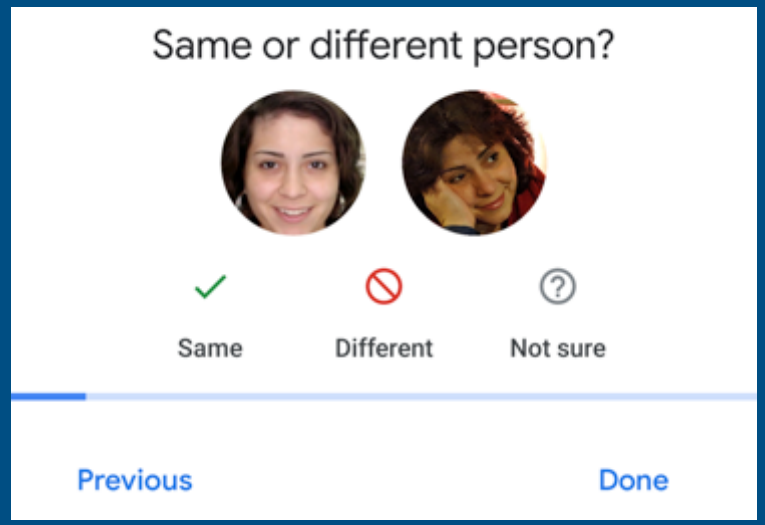
A set of technologies that enable computers to perceive, learn, reason, and assist in decision-making to solve problems in ways that are similar to what people do.

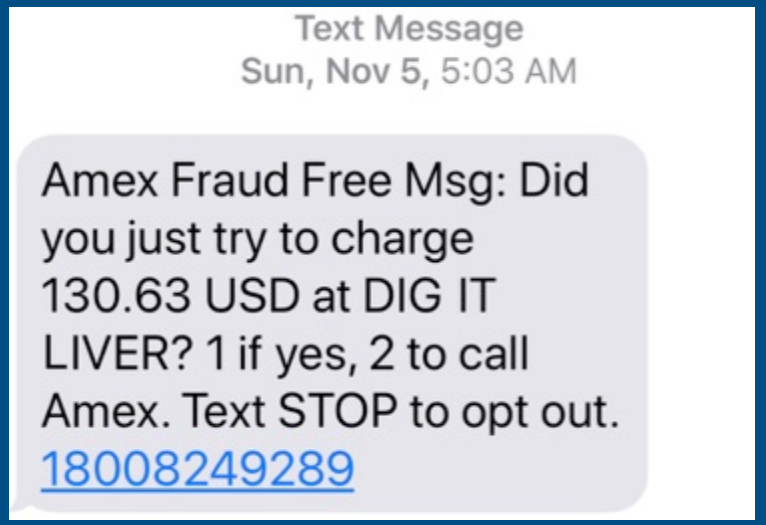




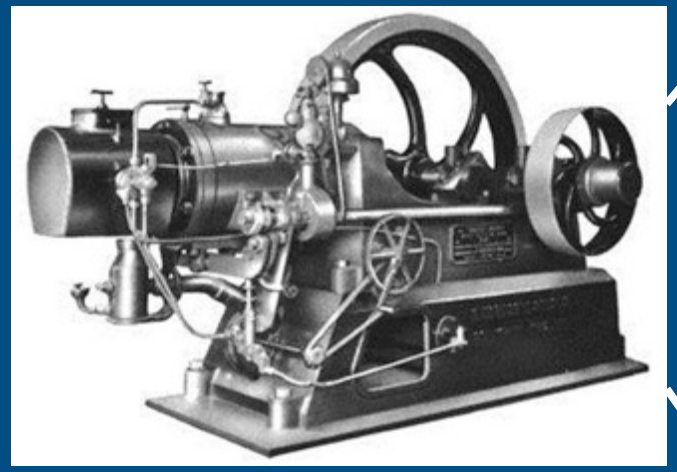


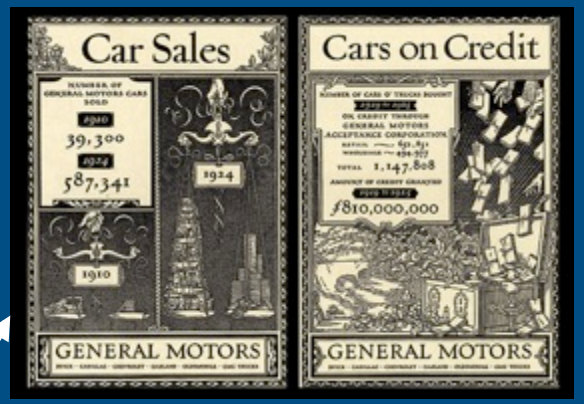
The Data Economy


Same or different person?
Same
Different
Not sure
Previous
Done


Text Message
Sun, Nov 5, 5:03 AM
Amex Fraud Free Msg: Did you just try to charge 130.63 USD at DIG IT LIVER? 1 if yes, 2 to call Amex. Text STOP to opt out.
18008249289

skype




Car Sales
1910
39,300
1924
587,341
GENERAL MOTORS
Cars on Credit
1924
$810,000,000
GENERAL MOTORS

Telephone
5300
The J. E. Stevenson Co.
DEPENDABLE
COAL
QUALITY
LUMBER
Also GRAIN

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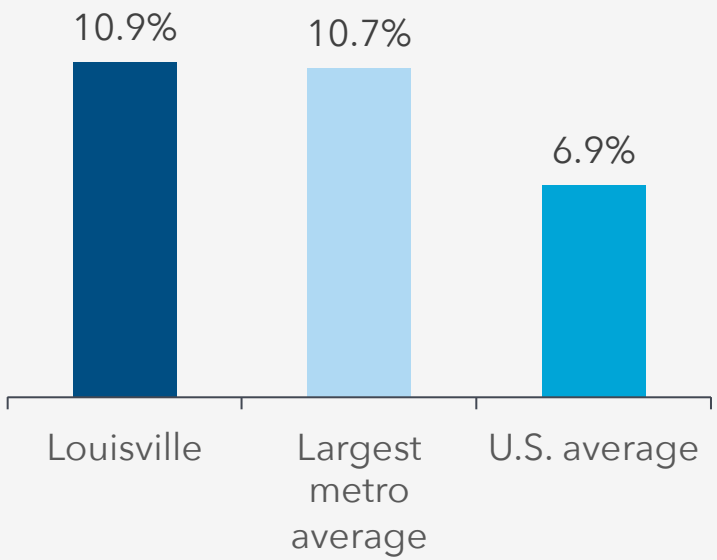
FIRST GE REFRIGERATOR
MADE AT APPLIANCE PARK
LOUISVILLE, KENTUCKY
OCTOBER 25th, 1954

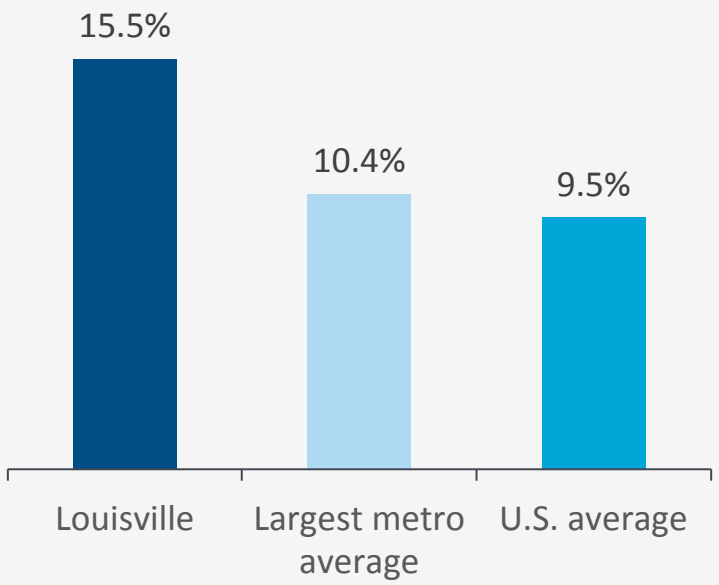
Michelle Cundiff Michelle Cundiff Michelle Cundiff

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

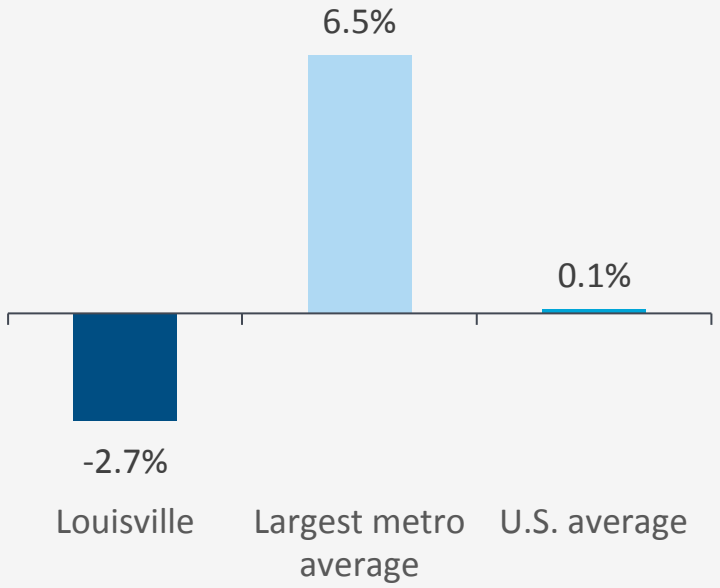
Jobs
2008-2018



Output per capita
2008-2018

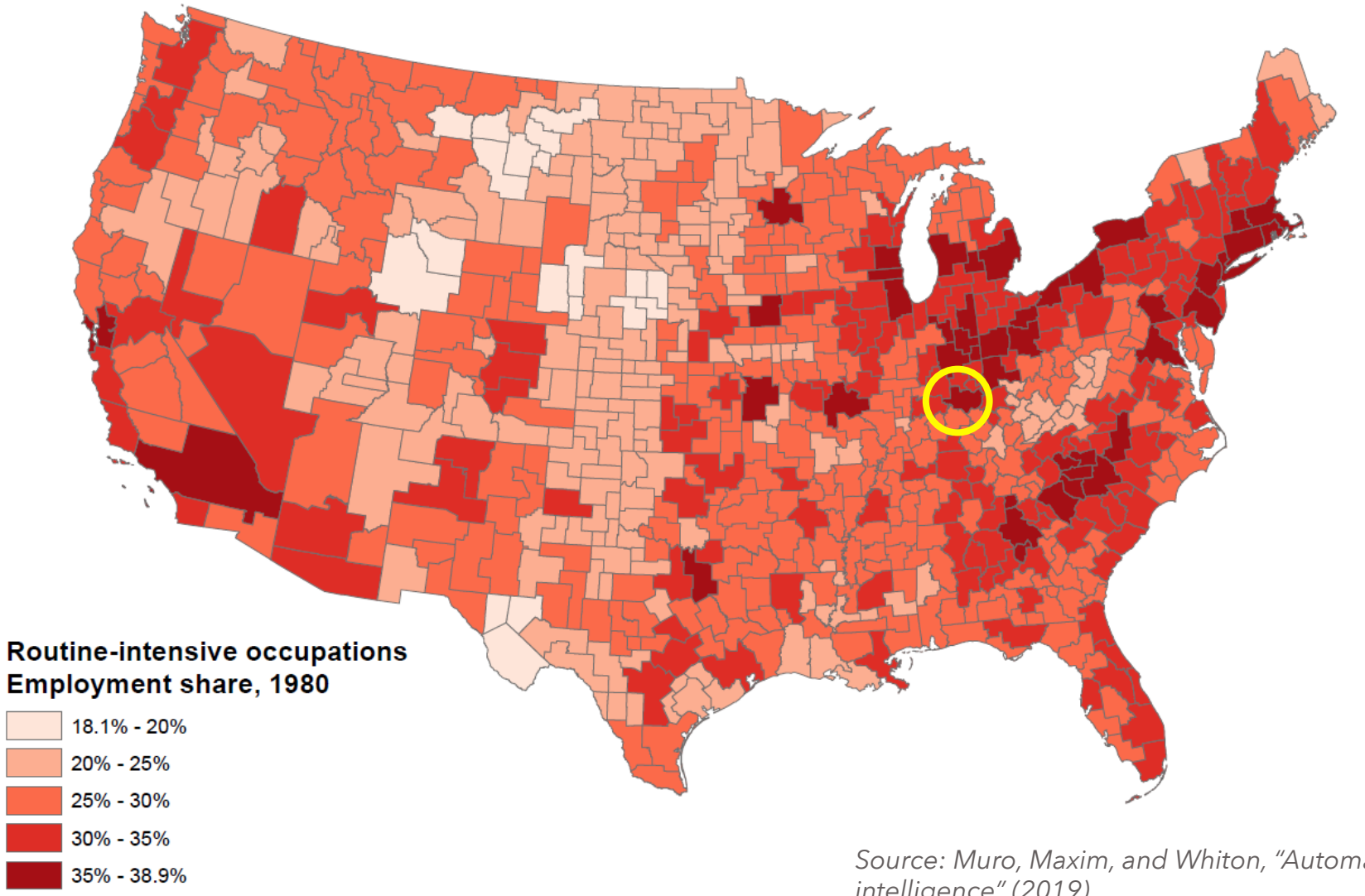


Median earnings
2008-2018



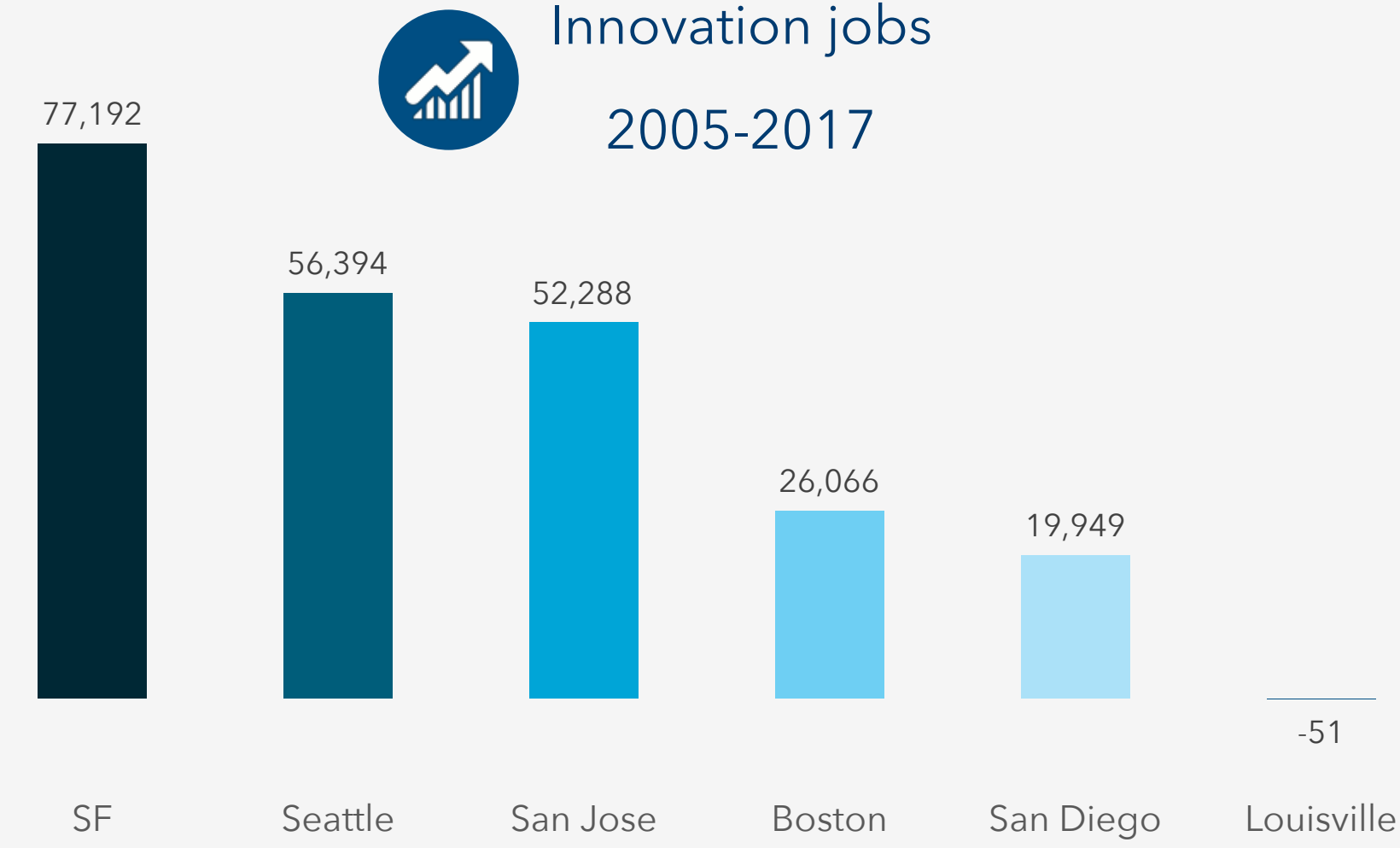
Source: Brookings, "Metro Monitor 2020" (forthcoming)

Automation has significantly impacted jobs in Louisville

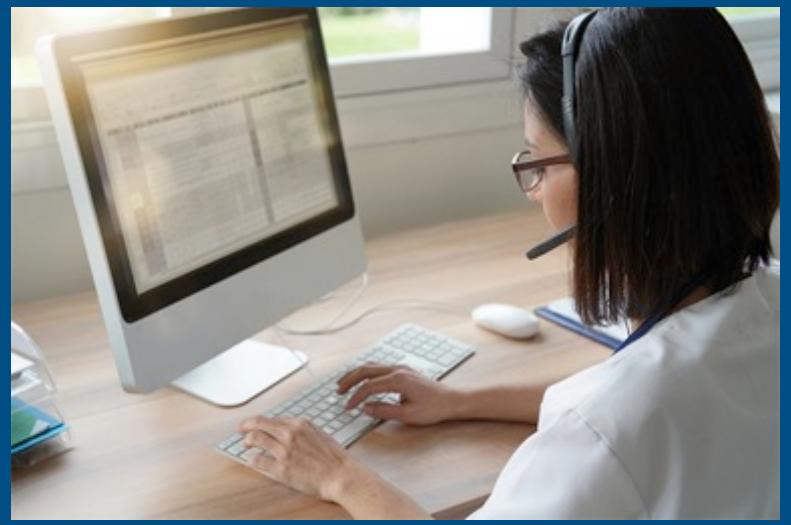


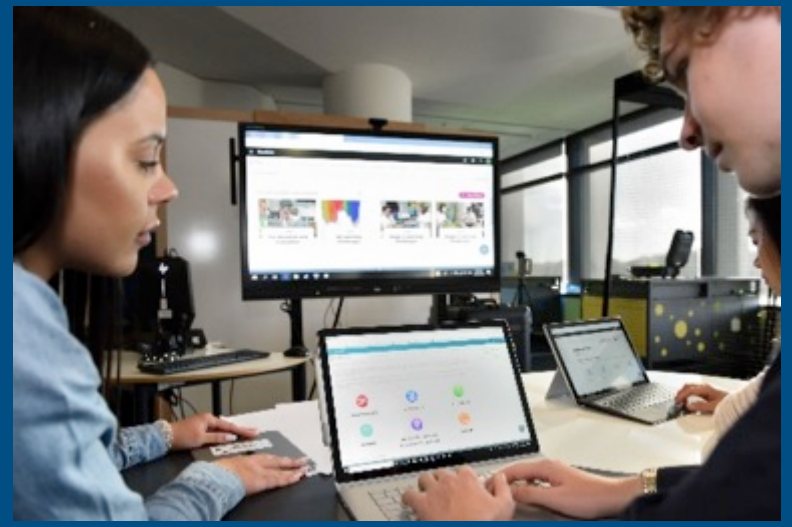
Source: Muro, Maxim, and Whiton, "Automation and artificial intelligence" (2019)

High-tech jobs, meanwhile, have largely concentrated elsewhere

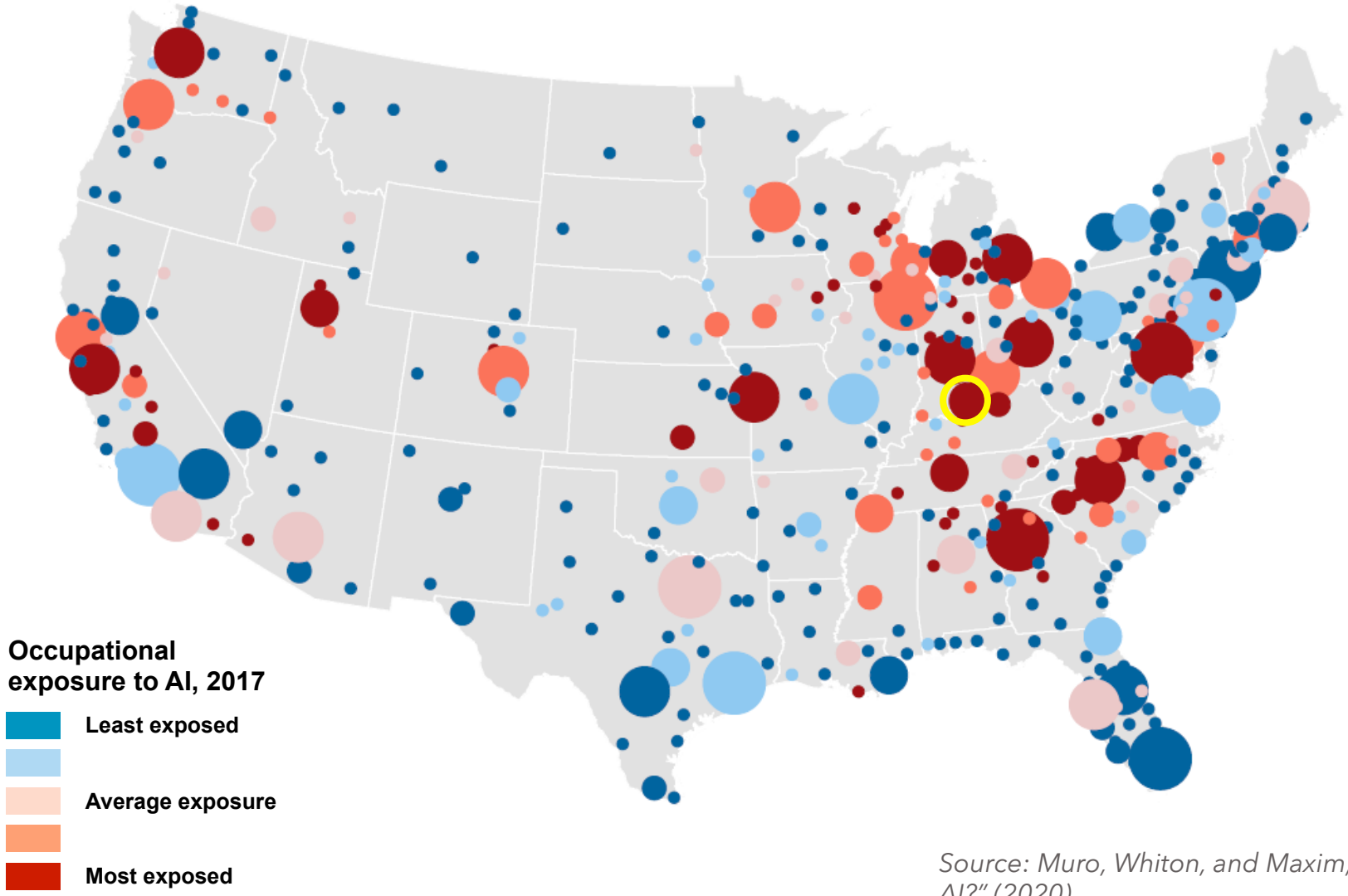


Source: Atkinson, Muro, and Whiton, "The case for growth centers" (2019)





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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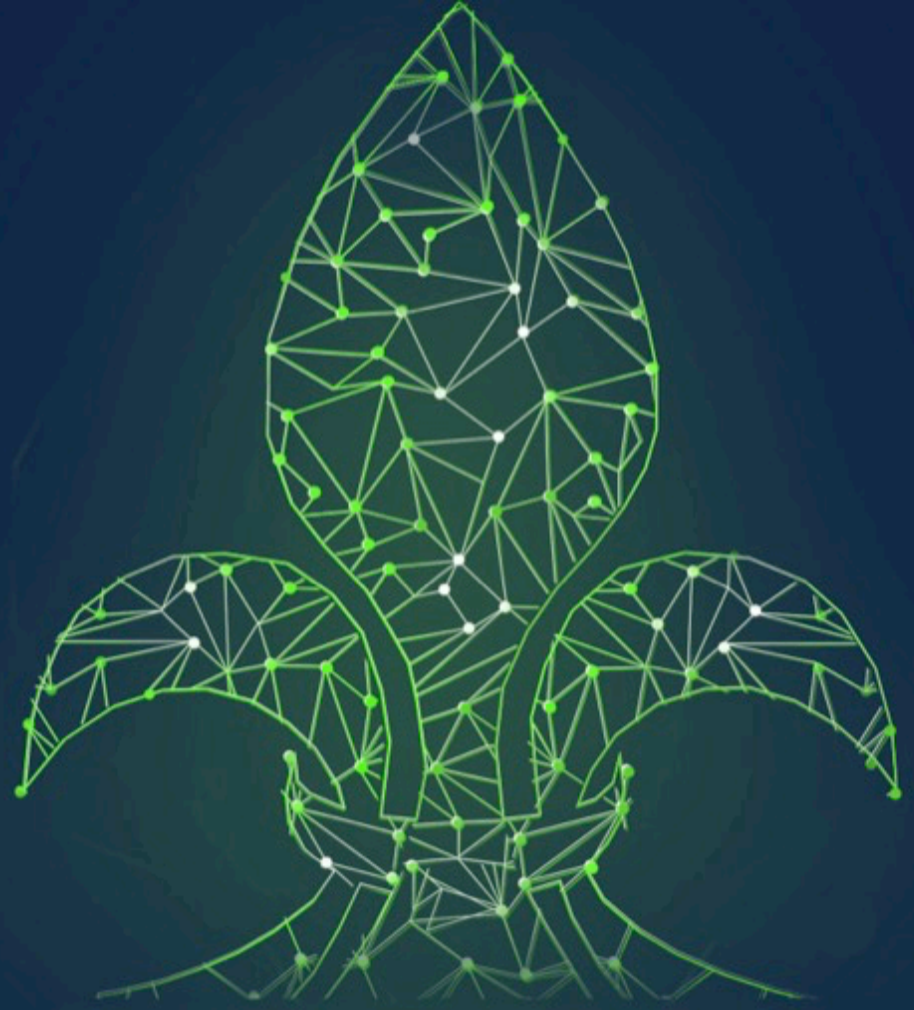

LOUISVILLE

FUTURE OF WORK INITIATIVE

POWERED BY MICROSOFT AND LOUISVILLE METRO GOVERNMENT

High-level goals/strategic areas for the Future of Work Initiative

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 inclusio

Participants in Louisville's AI/data economy represent the whole community

AI for gooc

Louisville models fairness, reliability, transparency, and accountability in its AI/data economy

BROOKINGS

Regional hub strategies

Workforce transformation strategies

Industry development strategies

Thrive
THRIVE CENTE

CAREER CALCULATOR

UNITED COMMUNITY
Creating a "no wrong door" system for individuals to be connected to services across the health, education and human service sectors.
Humana
NORTON HEALTHCARE
Jefferson
EVOLVE
community-based organizations
education

INTERFAITH PATHS TO PEACE

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