The Impact of Automation on Southern Arizona Jobs

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The Future of Work
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What Makes This Revolution Different?

► Artificial intelligence
► Big data
► Genetic engineering
► Mobile robotics

Will Machines Take All Our Jobs?

U.S. Jobs

2019
151 million

1939
31 million

Job Disruptions Are Coming
Tucson’s Economy: Periods of Rain and Shine

MAP Dashboard Economy Scorecard

How Big Is the Automation Job Impact in Tucson?

154,000
jobs at high risk from automation during the next 20-30 years

4 out of 10 jobs
Low skill jobs at higher risk

Occupations Most Likely to be Impacted in Tucson
► Food Preparation and Serving
► Farming, Fishing, Forestry
► Sales
► Ground & Building Maintenance
► Production

Occupations Least Likely to be Impacted in Tucson
► Community and Social Services
► Management
► Architecture and Engineering
► Education, Training, and Library
► Health Care

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Probability of Automation by Tucson Industry

- Information: 35%
- Government: 50%
- Services: 65%
- Financial Activities: 70%
- Construction: 78%
- Trade, Transportation & Utilities: 78%

Key Skills Will Be in Demand

- Advanced IT skills
- Basic digital skills
- Entrepreneurship
- Leadership
- Creativity
- Complex information processing and interpretation


More and more, we will work with smart machines.

There will be jobs.

Inequality will be an issue.

College Attainment Is One of the Keys…

Share of Working-Age (25-64) Population With a Bachelor’s or Higher

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