

No Collar Economy

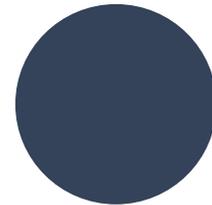
Some comments

No Collar Economy has 4 parts

1. Betting the Farm
2. Villa 31...on the map
3. Uber versus Taxi
4. Back to School



1. Betting the Farm: where is the farmer? (*donde esta el gaucho?*)



Use of
technology
in agriculture



Automation puts some
workers' jobs at risk

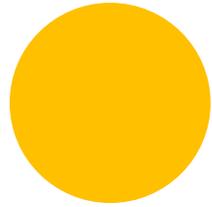
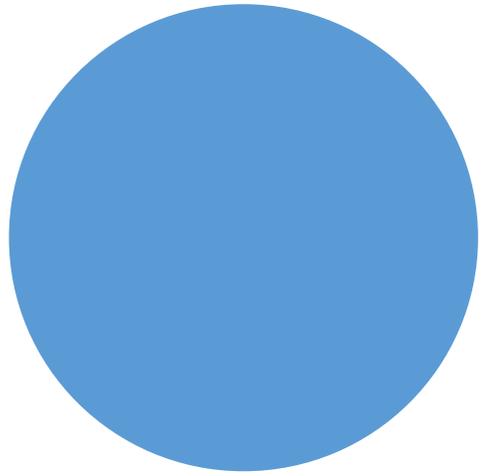
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Probability of
occupation
being
automated
by sector

	ARGENTINA	URUGUAY
AGRICULTURE LIVESTOCK FARMING, HUNTING, FORESTRY, SILVICULTURE, AND FISHING	63.2%	82.2%
MINING AND QUARRYING	66.6%	70.2%
MANUFACTURING	73.7%	74.8%
ELECTRICITY, GAS, AND WATER	69.3%	67.7%
CONSTRUCTION	66.6%	72.5%
WHOLESALE AND RETAIL TRADE REPAIRS	76.6%	80%
TRANSPORTATION AND STORAGE	76.6%	72.2%
HOTELS AND RESTAURANTS	66.6%	76.3%
COMMUNICATIONS	51.4%	51.9%
FINANCIAL ACTIVITIES	67.7%	79.7%
REAL ESTATE	53.6%	75.7%
OTHER SERVICE ACTIVITIES	54.1%	52.7%
EXTRATERRITORIAL ORGANIZATIONS	77.6%	59.8%

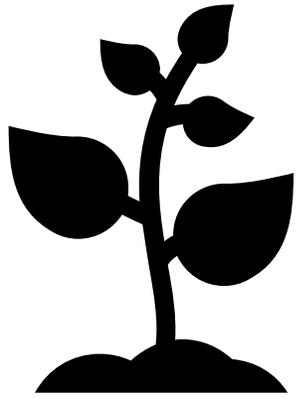
Source: Aboal and Zunino, 2017 (following and Frey and Osborne's methodology)



2. Villa 31...on the
map

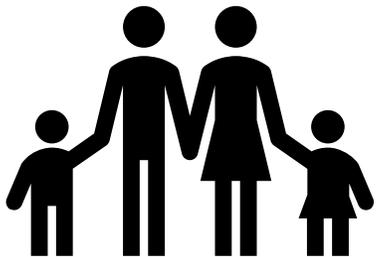
(Digital)
Technology
that enables
access to
social services

- Access to health services
- Access to security
- Access to education and employment
- Access to social protection



IDB's Villa 31 project

- Three new schools for 1,100 students with new technology
- 550 structures (living and work spaces) - climate-change resilient urban infrastructure



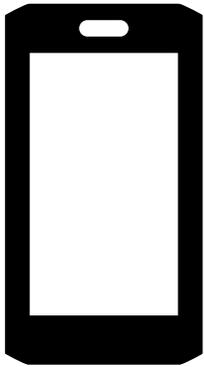
3. Uber versus Taxi

The gig economy

- By 2020, 40% of American workers will be part of this sector.
- Freelance economy in the developing world is increasing. In LAC, the main business flows are seen in Argentina, Colombia, Brazil, and Mexico (Graham et al., 2017). :



The gig economy



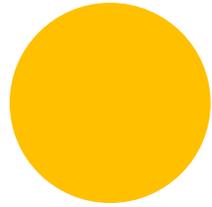
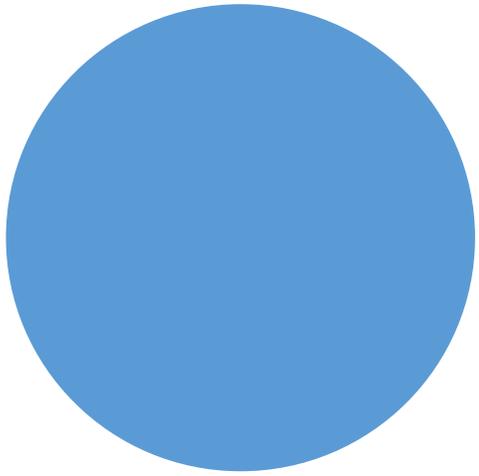
OPPORTUNITIES

- More productivity
- More labor opportunities



RISKS

- Access to social security and health services
- Lack of (some) labor rights



4. Back to School

Prepare for what is next...



“Knowledge”
workers

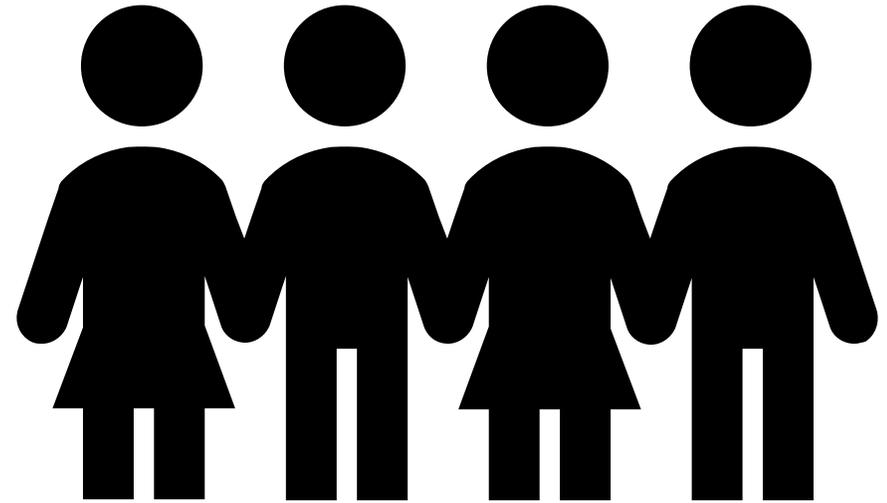
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Need for New
and More
Complex Skills



PISA Achievement Test in LAC

- 48% of students could not understand a basic text
- 62% could not perform a simple calculation



“These days the changes are so drastic and rapid, so drastic. And we are losing the most important part, that is the human touch”

We should invest in people in the era of robots