

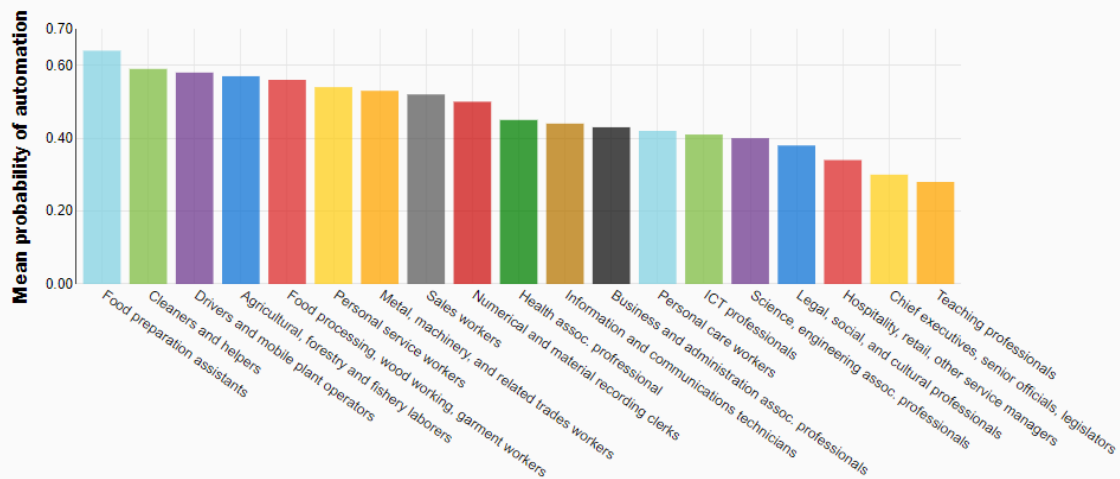
QR Assignment

Automation is the technology by which a process or procedure is performed with minimum human assistance. Automation or automatic control is the use of various control systems for operating equipment such as machinery, processes in factories, boilers and heat treating ovens, switching on telephone networks, steering and stabilization of ships, aircraft and other applications and vehicles with minimal or reduced human intervention. Some processes have been completely automated. ([Wikipedia](#))

Please, read the following article about automation: <https://www.brookings.edu/blog/up-front/2018/12/13/the-robots-are-coming-lets-help-the-middle-class-get-ready/> . Below you see a table and a corresponding diagram that shows the mean probability of automation for various occupations.

Occupation	Mean Probability of Automation
Food preparation assistants	0.64
Cleaners and helpers	0.59
Drivers and mobile plant operators	0.58
Agricultural, forestry and fishery laborers	0.57
Food processing, wood working, garment workers	0.56
Personal service workers	0.54
Metal, machinery, and related trades workers	0.53
Sales workers	0.52
Numerical and material recording clerks	0.50
Health assoc. professional	0.45
Information and communications technicians	0.44
Business and administration assoc. professionals	0.43
Personal care workers	0.42
ICT professionals	0.41
Science, engineering assoc. professionals	0.40
Legal, social, and cultural professionals	0.38
Hospitality, retail, other service managers	0.34
Chief executives, senior officials, legislators	0.30
Teaching professionals	0.28

Automation and work displacement by occupation



Source: OECD Social, Employment and Migration Working Papers, No. 202

BROOKINGS

DIRECTIONS: Type your responses to the two questions below in a Word document. Type your responses in a complete sentence. Use Arial 12 font size. Double space between question #1 and question #1.

1. Based on the above diagram, who do you think are in the higher risk groups to lose jobs because of automation: high-skilled workers or low-skilled workers?
2. Based on the article and on the diagram, what alternative would you recommend for those workers displaced by automation?