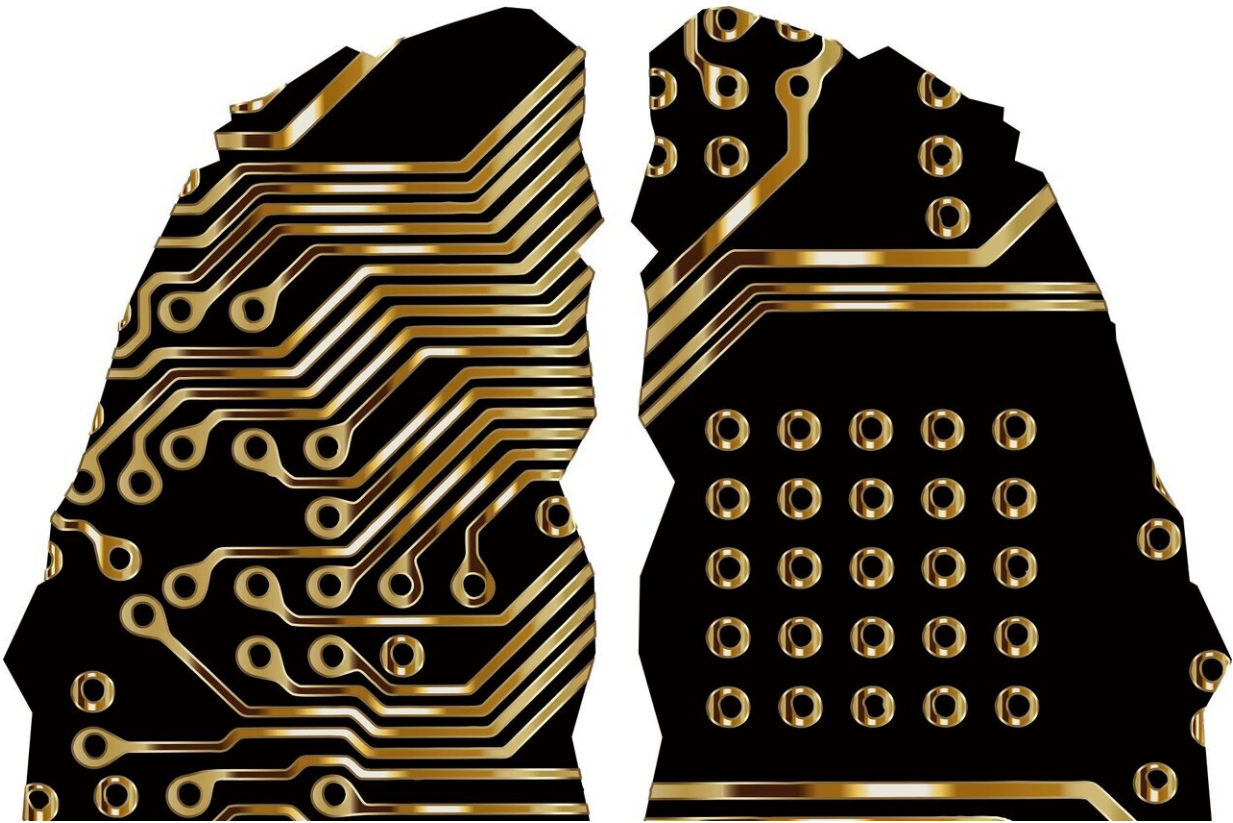


Japanese AI tool predicts when recruits will quit jobs

April 19 2024



Credit: Pixabay/CC0 Public Domain

Bosses worried about turnover or wondering how long a new hire will stick around can now turn to AI for a heads-up on who might be next out the door.

The artificial intelligence [tool](#) was developed by Japanese researchers to try and help managers provide targeted support to staff to stop them from quitting.

It crunches data on [employees](#) at a company, from their attendance record to [personal information](#) such as age and gender, and was created by Tokyo City University professor Naruhiko Shiratori with a start-up based in the Japanese capital.

The tool also analyzes data on employees who left the company or took a leave of absence, to create a turnover model for each firm.

Then when fed data on new recruits, it predicts who is at risk of quitting "in percentage points," Shiratori, a media education expert, told AFP on Friday.

"We are currently testing the AI tool with several companies, creating a model for each one."

Bosses could use the results to "suggest to the high-risk employee—without showing a raw figure, which could be shocking to him or her—that the company is ready to offer support, because AI suggested they may be facing difficulties," Shiratori said.

To create the tool, the researchers built on a previous study using AI to predict the characteristics of university students likely to drop out.

Now they are planning an upgrade so that the AI tool can suggest suitable assignments for new employees by analyzing information from [job interviews](#), as well as their characteristics and personal histories.

Japanese businesses traditionally all hire graduates at the same time each year, but about one in 10 recruits fresh from college quit their jobs

within a year, government data shows.

Around 30 percent leave their company within three years, according to the labor ministry.

© 2024 AFP

Citation: Japanese AI tool predicts when recruits will quit jobs (2024, April 19) retrieved 3 May 2024 from <https://phys.org/news/2024-04-japanese-ai-tool-jobs.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.