NVIDIA

CUSTOMER STORY

UPSTART

Upstart's lending platform is designed to improve access to affordable credit while reducing the risk and costs of lending for bank partners.

Industries

- Finance
- Banking
- Lending

Challenge

- Filing for a loan is time consuming.
- Identifying qualified borrowers involves complex variables.

Products Used

- NVIDIA V100 Tensor Core GPUs in AWS, P3 instance, and Pytorch

Results

- More than two-thirds of loans are fully automated.
- Upstart's AI model approves 27% more borrowers than the traditional model.

Upstart

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www.nvidia.com/finance
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ENABLING EFFORTLESS CREDIT BASED ON TRUE RISK

> *"Continuing to be the artificial intelligence leader in lending requires cutting-edge technology, which is synonymous with NVIDIA."*
>
> **- Grant Schneider,** Data Scientist and Head of Upstart Columbus.

The AI Lending Platform in Finance

Money is a necessary part of life, and the majority of Americans are affected by the price of borrowing every day. Throughout history, affordable credit has been central to unlocking mobility and opportunity. AI-based lending expands access to affordable credit by constantly finding new ways to identify qualified borrowers.

Upstart Results

From access to credit comparison, the Upstart model approves 27 percent more borrowers than a hypothetical traditional model and yields 16 percent lower average annual percentage rates (APRs) for approved loans by using deep learning-based models for underwriting. Comparing GPUs to CPUs, training time is reduced by about 40 percent.

About Upstart

Upstart is a leading AI lending platform that's partnering with banks to expand access to affordable credit and has originated more than $6 billion in loans. By leveraging Upstart's AI platform, Upstart-powered banks often have higher approval rates and lower loss rates, while delivering the exceptional digital-first lending experience their customers demand. More than two-thirds of Upstart loans are approved instantly and are fully automated.