

# Case Study:

## **epeer**

**Pioneering solution for FinTech: a high-tech credit scoring system based on AI and neural networks results from epeer and Algolytics cooperation.**

- ✓ With Algolytics since 2019;
- ✓ 0.1 s - query response time;
- ✓ 3 clicks and 20 s - entire process of granting a social loan.



# Results



The cooperation between Algolytics and epeer resulted in a pioneering on the FinTech market credit scoring system. The software, created in the R&D centers of the companies, is based on machine learning, neural networks, and artificial intelligence algorithms.

Eventually, the scoring engine responds to the query even in 0.1 s while maintaining a high repayment rate. The epeer user, thanks to the implementation of these technological solutions, needs only 20 seconds and 3 clicks to go through the entire process of granting a social loan. Importantly, the convenience of the application goes hand in hand with privacy. The use of strict anti-fraud safeguards means that only necessary data is processed, and the borrower does not have to provide, among others, the purpose of the loan.



# Challenge

epeer's priority was to create with Algolytics an innovative credit scoring technology, which would be based not only on BIK (national credit bureau) data but also on geolocation correlated with its repayment statistics. According to epeer's assumptions, the decision to grant a social loan would also be influenced by a person's behavior when using mobile applications and social media - all while maintaining an intuitive way to use the FinTech platform. In order to create a safe environment for both the investor and the borrower, it was necessary to implement strict anti-fraud rules.

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*"Multi-computing Machine Learning solutions in a user-friendly interface is a project that requires experience - and Algolytics has it. The result of our joint activities? An innovative implementation in the financial sector, thanks to which epeer gained a significant market advantage: widely acknowledgeable quality, speed, and reliability of loan services with minimized risk of default among a wide group of customers."*

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Maciej Jarzab, CEO, epeer



# Solution

The project required the use of proprietary, technologically advanced systems. Among them were:

- **Machine Learning** platform with an intuitive interface to design and implement real-time scoring models;
- **AI algorithms** for data standardization, verification, auto-coding and geocoding;
- **Artificial neural networks** for instant prediction and analysis of a range of data affecting a credit decision.

“The implementation of the solution combining Machine Learning, AI, and neural networks is a great success for both companies, and especially for the cooperating R&D departments. The result is technologically advanced scoring software that meets the needs of both epeer and the growing number of its users. We are constantly observing the dynamic development of our partner, so it is gratifying that Algolytics solutions contributed to the success of such a progressive project in the FinTech sector.”

Marcin Woch, CEO, Algolytics



# About epeer

A FinTech platform that uses Artificial Intelligence algorithms to meet investor and borrower expectations on the website and mobile app. Epeer solves the liquidity problem with social lending - providing users with the support of smaller amounts of money. With just 3 taps on the screen and 20 seconds in the app, users can go through the whole process of getting additional finance. Read more: <https://epeer.pl>

# About Algolytics

Algolytics Technologies offers advanced AI, Machine Learning, and Location Intelligence solutions. The company's technology platforms for online scoring, consumer behavior analytics, and intelligent location intelligence are most often used by leaders in the telecommunications, finance, logistics, and e-commerce industries. Algolytics solutions reliably support optimization and automation of business activities related to data analysis, logistic operations, or B2C process automation. Read more: <https://algolytics.com>

