

PRESS RELEASE

Media Contact

Vitor Santos | Silicon Studio | [yd-ai@siliconstudio.co.jp](mailto:y-d-ai@siliconstudio.co.jp) | +81 (0)3 5488 7070

YOKOZUNA data pushing new boundaries: taking health data science to the next level

Tokyo, Japan, (January 25, 2018) – Middleware technology and game development company, Silicon Studio Corporation is happy to announce that YOKOZUNA data, a state-of-the-art machine learning engine that predicts individual behavior, is now entering the healthcare sector, with the aim of contributing to the development of preventive medical care. YOKOZUNA data will use sophisticated artificial intelligence (AI) techniques to foresee the future health needs of single patients based on the available medical records and wearable device data. Such methods have been successfully applied to video games, where they were shown to accurately anticipate different player actions.

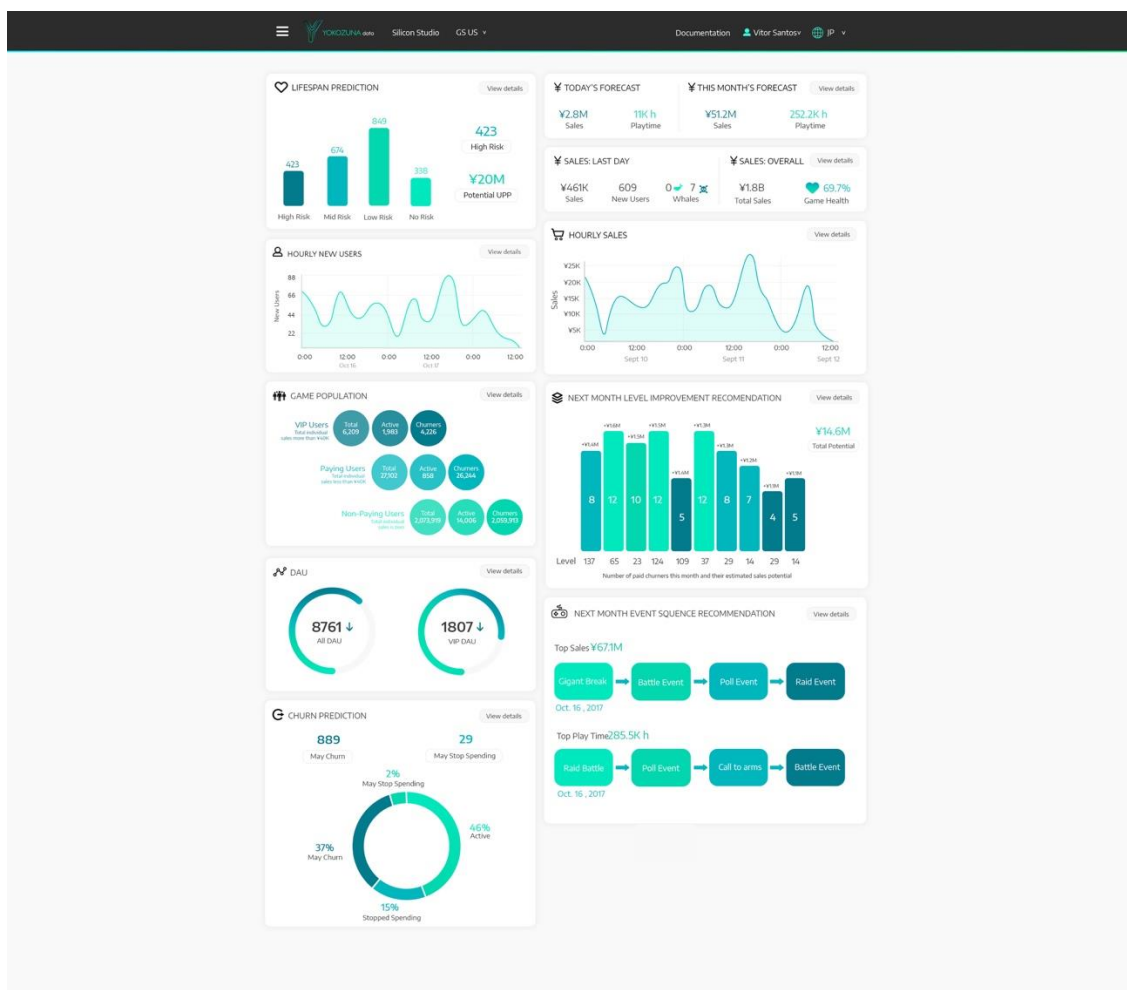


The use of smart devices and wearables is becoming increasingly popular. This allows patients to be continuously monitored and provides a huge amount of health-related data that, if properly analyzed, can be used to improve their health by predicting potential future conditions. The cutting-edge techniques employed by YOKOZUNA data do permit such analysis, and thus serve to forecast the evolution and health challenges of individual patients. This includes, for instance, issues as critical as early detection of heart disease. Additionally, YOKOZUNA data provides a patient-focused data-driven gamification, which allows to take full advantage of YOKOZUNA data proven strengths in the field of video games.

But, moreover, the whole healthcare sector is currently undergoing a profound transformation. The rich profusion of digital data is fostering a move from more traditional approaches towards a data-driven prevention model. YOKOZUNA data is fully committed to facilitate and encourage such shift.

To that end, it provides AI-based early diagnosis and risk assessment for individual patients, using information that may include health records, genomic and wearable device data, medical imagery and online physician reviews. On the whole, YOKOZUNA data can be employed to forecast future events affecting a specific patient.

In short, YOKOZUNA data will use its extensively tested AI methods to evaluate wearable device data and assist healthcare industry in undertaking a patient-focused data-driven preventive approach. The result will be an incredibly powerful diagnostic tool, which can be used to predict and prevent individual-patient future conditions. In this way, YOKOZUNA data will be pushing the boundaries of health data science, hopefully contributing to take it to a higher and exciting new level.



About YOKOZUNA data:

YOKOZUNA data is a state-of-the-art machine-learning engine to predict individual player behavior. It consists of a recommendation system and a player prediction platform that utilize next generation artificial intelligence algorithms to move game development into the future. <http://YOKOZUNA data.com/health/>



About Silicon Studio

Silicon Studio is a Japan-based game engine and middleware company providing quality rendering, optical effects, and post-effects solutions for game development. Silicon Studio also develops and publishes games across mobile, PC and consoles, and develops games for third parties.

*All other names and trademarks mentioned are the registered trademarks and property of the respective companies.