MyDataModels launches TADA, an automated Machine learning software dedicated to Small Data

Paris, February 21, 2019 - Digital transformation, Artificial Intelligence and Big Data are at the heart of the 21st century discussions. Major groups have all embarked on their own transformation, using Big Data to improve their businesses. But what about large organizations or small companies that do not have as much data at their disposal, those that only have Small Data and that have not had the opportunity to exploit it?

To date, machine learning tools are still mainly intended for programmers and Data Scientists. To meet the needs of more people, MyDataModels created TADA, an affordable, automated machine learning software for small amounts of data. The company allows business experts with little or no programming or machine learning skills to automatically create and execute their own predictive models, with unparalleled performance on Small Data.

Many engineers, researchers, sales and marketing managers still use Excel to process their data. TADA allows them to simply and quickly build models to optimize industrial processes (predictive maintenance, detection of key parameters, etc.), establish diagnostics (diseases detection, biomarkers, etc.) etc. depending on the business sector. The creation of models thus is easier and faster, resulting in significant time saving and profitability.

"We have removed major technological roadblocks within evolutionary algorithms to make them available for commercial use. For a long time, they were considered as a multi-purpose tool of data scientists and now the principles of evolutionary algorithms are at the heart of TADA.Thanks to TADA, domain experts and data experts can explore areas that are difficult for other Machine Learning algorithms, such as Small Data and embedded systems, especially for IoT." Denis Bastiment, co-founder and CTO of MyDataModels.

TADA solution differs from other solutions by its simplicity and affordability, without sacrificing efficiency:

Easy to use: TADA does not require any programming or Machine Learning skills, nor does it require training.

Easy to implement: Once built and selected, models can be immediately run on any platform (cloud, desktop, mobile, edge), no code conversion is required.

Fast: The time required to create and run models is reduced from a few days/weeks to a few minutes/hours. The data preparation is reduced on average by 40% compared to the traditional approach because TADA accepts raw data.

High performance: TADA offers unparalleled performance on Small Data thanks to its unique mathematical expression engine inspired by scalable algorithms

Transparent: No "black box", TADA provides readable and understandable formulas that can be easily exported.

Affordable: From 149 € per month and per user