AI Internship: Predictive Cash Flow Analytics

Project description
Cash flow forecasting is the modeling of a company's future financial liquidity over a specific time-frame. Though, cash flow is life-blood of all businesses, at over 80% of all companies, manual, gut-feel based, and inaccurate spreadsheets are used for cash flow forecasting! According to a U.S. Bank study, 82% of business failures are due to poor cash management.”

Spore.BI is developing a Predictive Cash Flow Analytics software-as-a-Service that automatically reads and analyzes a company’s past payments/receivables data and sales pipelines by integrating to accountancy and CRM software packages; and then finds patterns and models cash flow using machine learning techniques and statistical modeling to forecast accurately the future cash flow. Furthermore, the application enriches the predictions through 3rd party big data sources like market sentiment for more accurate results. The following figure illustrates the current state of the cash flow forecasting in most of the companies and Spore.BI’s value propositions.

Who are we looking for?
We are looking for AI students to join us to design and implement AI and ML techniques for cash flow forecasting. The students we are looking for should have “startup mindsets” who have a passion to use AI to address a real-world challenge and learn! We are NOT looking for students who want to do a project to just pass their course! Both individual students and student groups are welcomed (we have flexible arrangements for students living outside of Delft also). The ideal candidate should have the following characteristics:

- Master student in AI and related majors with hands-on skills in programming AI and ML algorithms
- Entrepreneurial, being able to work independently, communicative and good command in English

About Spore.BI: Incubated in YES!Delft — a leading European high-tech incubators — Spore.BI is developing an end-to-end cloud-based financial analytics platform that enables companies to do advanced financial data analytics without the need for any specialized knowledge or coding, i.e., the next WordPress for Financial Data Analytics!