

Our Mission is to empower the trader and investor by delivering *actionable* Stock Picks that are profitable and generate Alpha for the client over the next 5-15 trading days, using proprietary technical algorithms and the power of AI and Machine Learning(ML). Our passion is to empower the traders and investors with superior knowledge previously inaccessible to them to make more intelligent trades and increase their earnings potential.



There is a massive amount of data that needs to be incorporated into the analysis in order to generate predictive values over the required time horizon, in particular since our time horizon for stock picks predictions is 5-15 Market days. AI is not a “*holy grail*”, but a tool and a process that can be used to help solve many problems, including predicting performance of stocks in the future. Numerous techniques exist in AI, including Machine Learning, Deep Learning, Natural Language Processing, Expert Systems, Fuzzy Logic and Robotics. Our focus is on Machine Learning, Deep Learning, Genetic Algorithms/Neural Networks combined with quantitative tech algorithms (some traditional) and their inter-relationships, which helps improve the ability to predict future stocks performance.

Traditional quantitative analysis in finance typically focuses on *technical vs. fundamental* analysis, using, for example, Moving Averages or RSI on the one hand, and valuation metrics such as Earnings, P/E or Price/Sales on the other hand, to predict future stock performance. As development in AI progresses new models have emerged, such as LSTM (Long Short-Term Memory), a recurrent neural network, and XGBoost (Extreme Gradient Boosting), an implementation of stochastic gradient boosting algorithms for classification and regression, however, given the nature of the stock market and the multitude of factors that impact performance, it’s doubtful that either *idiosyncratic or systematic* factors can be predicted in advance with certainty by AI anytime soon.

Our approach and process at TAAi is to apply the *data-science analytics* described above to the most important financial Markets in the US. We apply our proprietary algorithms and AI to the NYSE/NASDAQ’s S&P500, S&P400 and S&P600 representing large caps, medium caps and small caps and about 90% of US Market Capitalization. In the future we intend to include additional US & Global Markets. Combining our analysis and TopPicks, with risk management and money management, and an understanding of Market conditions and its Sentiment, is key to achieving higher probability trades and superior returns for the trader/investor.

The founder of TAAi Technologies is Ed Ben Ghandour, born in Israel, Harvard educated PhD, former academician, an entrepreneur, and a quant, who has traded and invested successfully for many years, managed boutique Hedge Fund and has also been engaged in real estate investments & development. TAAi’s team is based in Nevada and San Francisco, California.