

Market Edge



Market Edge is an AI driven SaaS platform that allows you to build advanced analytics on top of your global commodity and energy data.

Our Artificial Intelligence (AI) technology allows you to forecast prices for a user-defined period using machine learning algorithms giving you an edge over several other market players. Market Edge forecasting algorithms are tuned to consider seasonality, missing data points, and trends inherent in any price series. Our AI technology leverages and understands patterns then uses them to predict more accurate future trends and prices.



ANALYTICS

Price Analysis like never before

- Build Technical Analysis on price data
- Break-down prices into Seasonality, trend and random components
- Charting Module uses latest visualization technology (d3.js)



FORECAST

AI Algorithms

- Forecast prices using AI models which use seasonality and trends into consideration, along with missing data
- Forecast for any user-defined period, Back-test, and improve model



INTEGRATION

Connect to any data source

- Platts, Argus, ICE, NYMEX or any other data source, real-time
- Integration via API, or through XML / JSON / CSV imports
- Web-based, mobile compatible solution for anytime analytics

Features

Real-time & Historical Data

- View all your real-time & historical data
- Plot technical analysis indicators in real-time using user-defined parameters
- Interactive plots allow you to browse the values of each of the technical indicators

Forecast Prices

- Advanced AI based algorithms for forecasting prices to a user-defined time period
- Algorithms automatically take seasonality, trends, into account while forecasting
- Algos automatically fill in missing data
- ARIMA based forecasting also available

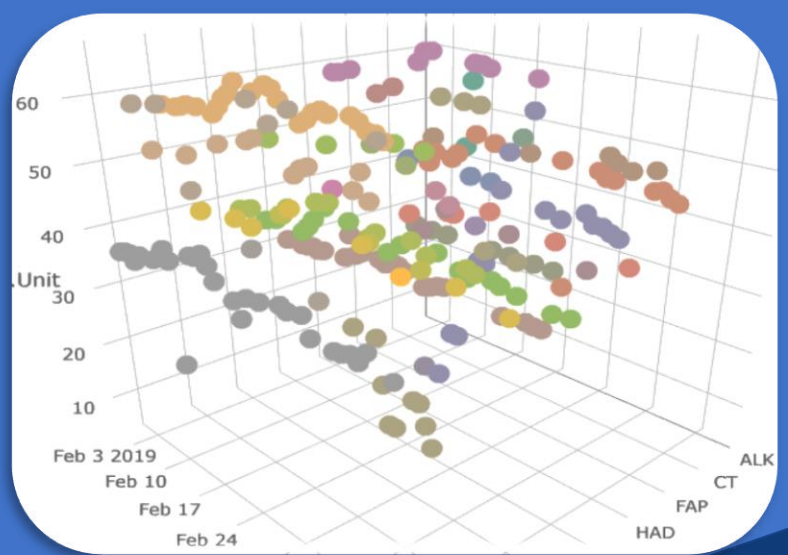
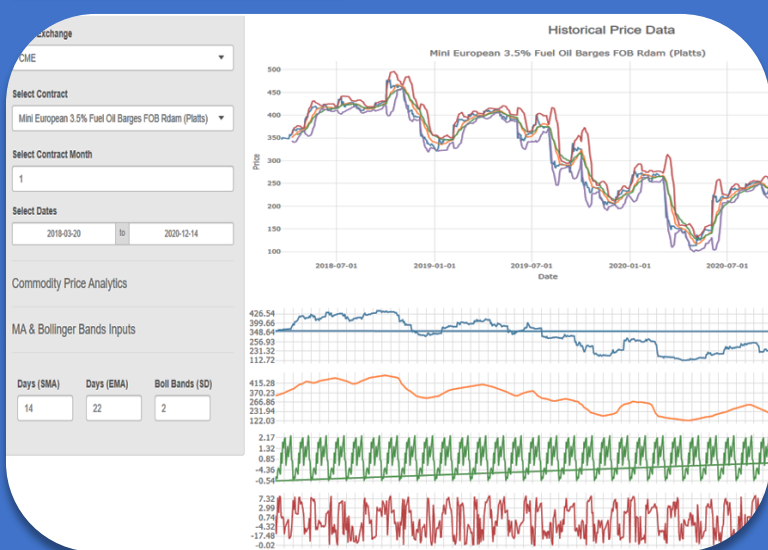
Back-testing Algorithms

- Easily back-test the trained model on actual historical data and view results
- View various statistical parameters to assess accuracy of the model
- Modify model parameters based on the length, accuracy of back-testing results, and re-train the model to get more accurate results

Statistical Analysis

- View and Analyze Returns and Volatilities on a rolling window basis
- Decompose price into trend, seasonal and random components to view which element contributed how much to the actual price change
- Analyze Auto-Correlation and price series stationarity

Visualizations



A New Paradigm in Charting

- Can be viewed easily on any phone / tablet
- Use Legends to turn on / off specific lines
- Complete data in Tabular format to download for any further analysis

Interactive, Responsive Visualizations

- Charts can be zoomed in / out
- Save your favorite charts as an image for your report
- Built using the latest technology in visualizations

Flexible Data Handling



6+ Countries from which Risk Edge served its clients



Fast Implementation done Right



Latest Technology used to build customized solutions



Computations done in-memory in real time



USD 135 Bn combined client revenues for the year 2019