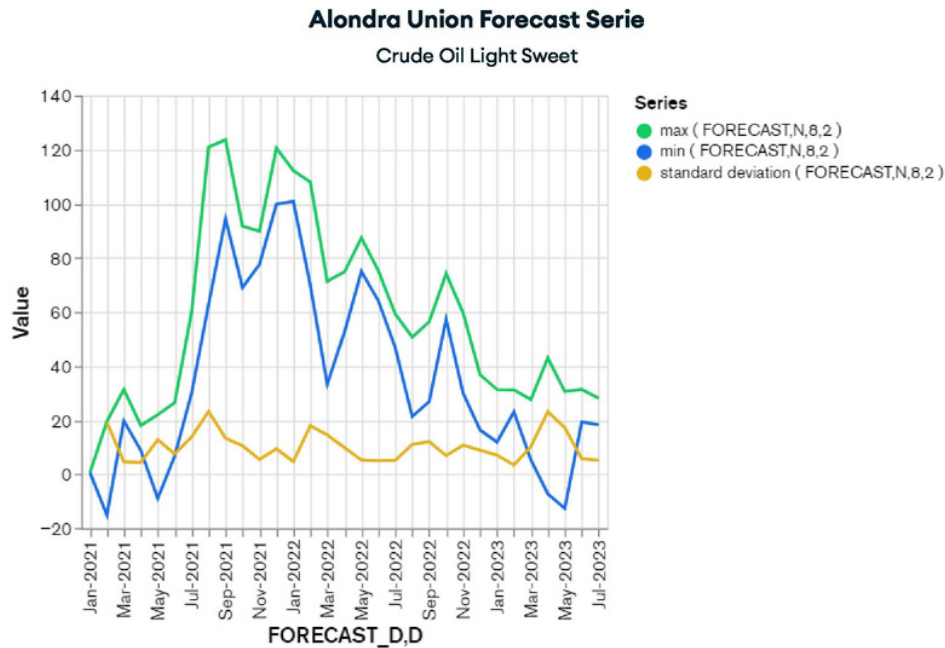


Alondra Union

www.TheEditorialHighway.com



THE ALONDRA UNION COMMODITY INDEX FAMILY AND METHODOLOGY

August 2023

Abstract

This applied research work aims to detect the price trends of commodities published weekly by the CFTC (Commodities of Future and Trade Commission), in its COT (Commitment of Traders) report.

Successful results have been achieved, which will help Central Banks, Multilateral Credit Organizations, Banks, and Investment Funds, to have an early warning system of changes in price trends, which would help implement adequate public and private investment policies, in a market as valuable and inescapable as commodities.

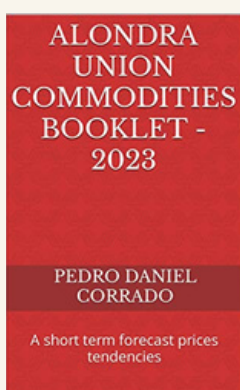
Each commodity has its trend or forecast, with an associated graph, in the MongoDB visualization system. We call that an index. In total, there are about 280 commodities, which this research paper covers.

The chart corresponds to the estimated trend of Texas Light Oil (WTI) prices. This was one of the resounding successes of the algorithm, since it contradicted all the forecasts of the market analysts. It predicted six months before Russia's invasion of the Ukraine that the forecast price was in free fall and that the fall would deepen afterwards.

The same thing happened with the Dollar Index. The algorithm was predicting a steep drop, which was also resisted by analysts. However, that fall was verified, in July 2022.

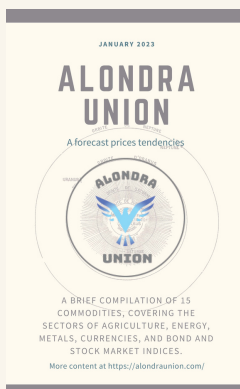
They are just a few examples. More than 100,000 records have already been stored since January 2015, whose prognostic power will be increasingly reliable as time passes.

ALONDRA UNION BOOKLETS



Short Terms Booklet

The main sixty-four commodities, whose short-term prices trends are published weekly, crossing the medium-term trend, against the trend of spot prices.



Medium Term Booklets

Medium-term trend charts are published for the main sixty-four commodities. Four reports are published once per week. There is also a free monthly report.

ALONDRA UNION ALGORITMO - VEHICULOS



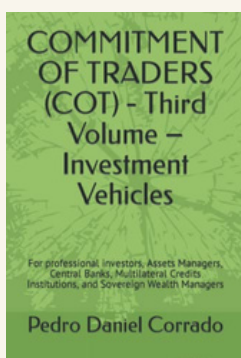
Algoritmo - Primer Tomo

El primer libro publicado en Octubre 2020, que explica la primera parte del algoritmo, referente a la serie estática de coberturas netas, de 280 materias primas, publicadas semanalmente por la Comisión de Futuros y Comercio de los Estados Unidos, con sede en la ciudad de Chicago (CFTC). Es la base fundacional de toda esta investigación.



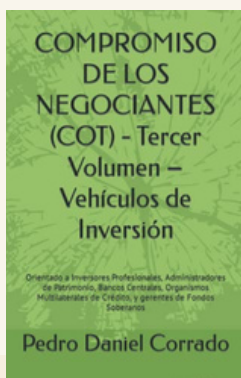
Algoritmo - Segundo Tomo

Este libro, publicado en Marzo 2021, es la continuación del primer tomo, y detalla cómo se construye la serie dinámica de pronósticos de precios de las materias primas, en base a los datos ofrecidos por la serie estática.



Investments Vehicles

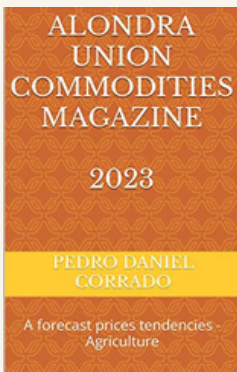
Aimed for Professional Investors, Assets Managers, Central Banks, Multilateral Institutions and Sovereign Wealth Managers.



Vehículos de Inversión

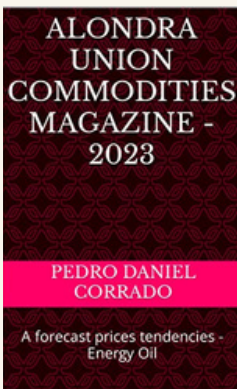
Orientado a Inversores Profesionales, Gerentes de Portafolios, Bancos Centrales, Instituciones Multilaterales de Crédito, y Gerentes de Fondos Soberanos.

ALONDRA UNION MAGAZINES



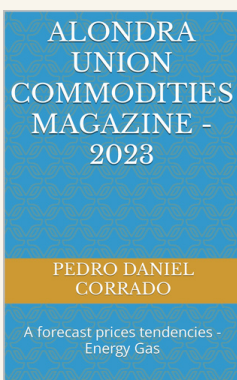
Agriculture Supplement

CORN - WHEAT-SRW - WHEAT-HRW - WHEAT-HRSpring - SOYBEANS - SOYBEAN OIL - SOYBEAN MEAL / COCOA - COTTON NO. 2 - COFFEE C - SUGAR NO. 11 - CANOLA - FRZN CONCENTRATED ORANGE JUICE - ROUGH RICE - OATS / LEAN HOGS - LIVE CATTLE - FEEDER CATTLE - BUTTER (CASH SETTLED) - CHEESE (CASH-SETTLED) - MILK, Class III - MILK, Class IV - NON-FAT DRY MILK



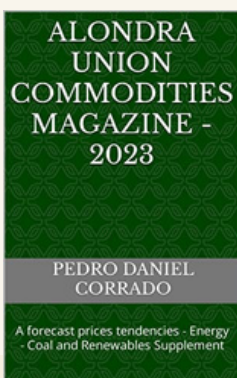
Oil Supplement

#2 HEATING OIL- NY HARBOR-ULSD - CRUDE OIL LIGHT SWEET - CRUDE OIL LIGHT SWEET-WTI - BRENT CRUDE OIL LAST DAY - GASOLINE BLENDSTOCK (RBOB) and many more ...



Gas Supplement

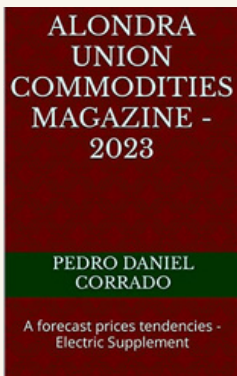
NATURAL GAS - CONWAY PROPANE (OPIS) - ETHANE MT. BELV-ENTERPRISE - GULF COAST CBOB GAS A2 PL RBOB - HENRY HUB - HENRY HUB - TAILGATE LOUISIANA (BASIS) and many more...



Renewable Supplement

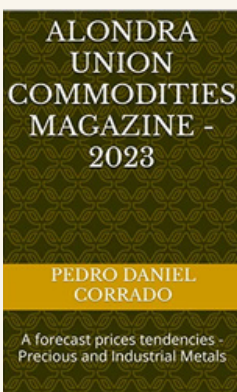
CHICAGO ETHANOL - CALIF CARBON VINTAGE 2021 - CBL GLOBAL EMISSIONS OFFSET - CBL NATURE GLOBAL EMISSIONS - MARYLAND SOLAR REC and many more ...

ALONDRA UNION MAGAZINES



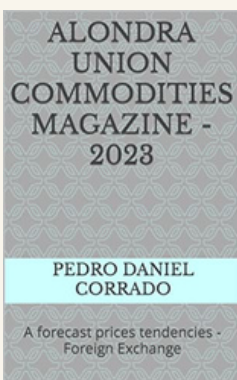
Electric Supplement

PJM WESTERN HUB DA OFF-PK - PJM WESTERN HUB DA PEAK - PJM WESTERN HUB RT OFF - PJM WESTERN HUB RT PEAK MINI - PJM WH REAL TIME PEAK - NYISO ZONE A DA OFF-PK FIX PR - NYISO ZONE A DA PEAK - NYISO ZONE F PEAK MONTHLY - NYISO ZONE G DA OFF-PK and many more ...



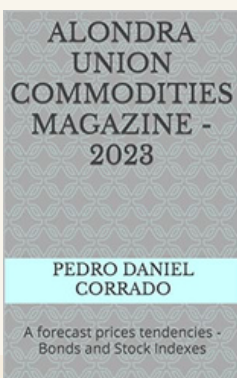
Metals Supplement

GOLD - PALLADIUM - PLATINUM - SILVER - COPPER-GRADE #1 - ALUMINIUM EURO PREM DUTY-PAID - ALUMINIUM EURO PREM DUTYUNPAID - ALUMINUM MW US TR PLATTS - US MIDWEST DOMESTIC HOT-ROLL - US MIDWEST BUSHELING FERROUS



FX Supplement

AUSTRALIAN DOLLAR - BRAZILIAN REAL - BRITISH POUND STERLING - CANADIAN DOLLAR - EURO FX - EURO FX/BRITISH POUND XRATE - EURO FX/JAPANESE YEN XRATE - JAPANESE YEN - MEXICAN PESO - NEW ZEALAND DOLLAR - SOUTH AFRICAN RAND - SWISS FRANC



Bonds & Stocks Supplement

2-YEAR U.S. TREASURY NOTES - 5-YEAR U.S. TREASURY NOTES - ULTRA 10-YEAR U.S. T-NOTES - ULTRA U.S. TREASURY BONDS - U.S. TREASURY BONDS - U.S. DOLLAR INDEX - BLOOMBERG COMMODITY INDEX - VIX FUTURES - DOW JONES INDUSTRIAL AVG- x \$5 - E-MINI S&P ENERGY INDEX - E-MINI S&P FINANCIAL INDEX - E-MINI S&P UTILITIES INDEX - EMINI RUSSELL 1000 VALUE INDEX - MICRO E-MINI NASDAQ-100 INDEX - MSCI EAFE MINI INDEX - MSCI EMERGING MKTS INDEX - NIKKEI STOCK AVERAGE - E-MINI RUSSELL 2000 INDEX - E-MINI S&P 500 STOCK INDEX - MICRO E-MINI S&P 500 INDEX - NASDAQ-100 Consolidated - NASDAQ-100 STOCK INDEX (MINI) - S&P 500 ANNUAL DIVIDEND INDEX and many more ...

ALONDRA UNION VIDEOS

Hard Grain Video



Soft Grains Video



Meats and Milk Video



Hard Grains

CORN - WHEAT-SRW - WHEAT-HRW - WHEAT-HRSpring - SOYBEANS - SOYBEAN OIL - SOYBEAN MEAL

Soft Grains

COCOA - COTTON NO. 2 - COFFEE C - SUGAR NO. 11 - CANOLA - FRZN CONCENTRATED ORANGE JUICE - ROUGH RICE - OATS

Meats and Milk

LEAN HOGS - LIVE CATTLE - FEEDER CATTLE - BUTTER (CASH SETTLED) - CHEESE (CASH-SETTLED) - MILK, Class III - MILK, Class IV - NON-FAT DRY MILK

Renewable Supplement

ALONDRA UNION VIDEOS

Non Renewable Energy Video



Non Renewable Energy

#2 HEATING OIL- NY HARBOR-ULSD - CRUDE OIL LIGHT SWEET - CRUDE OIL LIGHT SWEET-WTI - BRENT CRUDE OIL LAST DAY - GASOLINE BLENDSTOCK (RBOB) - NATURAL GAS - CONWAY PROPANE (OPIS) - ETHANE MT. BELV-ENTERPRISE

Renewable Energy Video



Renewable Energy

CHICAGO ETHANOL - PJM WESTERN HUB RT OFF - PJM WESTERN HUB RT PEAK

Metals Video



Metals

GOLD - PALLADIUM - PLATINUM - SILVER - COPPER-GRADE #1 - ALUMINUM
MW US TR PLATTS - US MIDWEST DOMESTIC HOT-ROLL

ALONDRA UNION VIDEOS

Majors Currencies Video



Majors Currencies

AUSTRALIAN DOLLAR - BRITISH POUND STERLING - CANADIAN DOLLAR - EURO FX - JAPANESE YEN - SWISS FRANC

Emerging Currencies Video



Emerging Currencies

BRAZILIAN REAL - MEXICAN PESO - NEW ZEALAND DOLLAR - SOUTH AFRICAN RAND

Metals

ALONDRA UNION VIDEOS

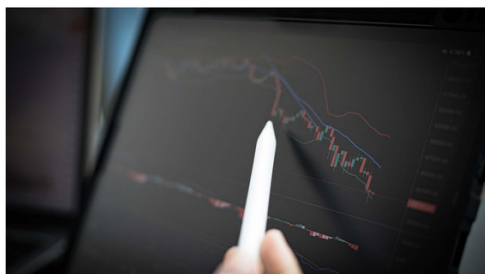
Bonds Video



Bonds

2-YEAR U.S. TREASURY NOTES - 5-YEAR U.S. TREASURY NOTES - ULTRA 10-YEAR U.S. T-NOTES -
ULTRA U.S. TREASURY BONDS - U.S. TREASURY BONDS

Stocks Video



Stocks

DOW JONES INDUSTRIAL AVG- x \$5 - E-MINI S&P ENERGY INDEX - EMINI RUSSELL 1000 VALUE INDEX
- MICRO E-MINI NASDAQ-100 INDEX - MSCI EAFE MINI INDEX - MSCI EMERGING MKTS INDEX - NIKKEI
STOCK AVERAGE - E-MINI RUSSELL 2000 INDEX - E-MINI S&P 500 STOCK INDEX - MICRO E-MINI
S&P 500 INDEX - NASDAQ-100 Consolidated - NASDAQ-100 STOCK INDEX (MINI)

Metals