The Morningstar Add-In is a high-powered tool that brings consolidated market, real-time, and proprietary data alongside Morningstar’s rigorous quality checks into Microsoft Excel. The add-in was developed by Morningstar in conjunction with clients who demand fast access to large amounts of data over global networks.

**Real-Time and Delayed Data**
This functionality allows users to receive live and delayed data quotes in Microsoft Excel using simple native commands. Users can get access to real-time data feeds from global futures exchanges, FX, equities, and the North American Power Markets (ISOs). The real-time functionality is part of the Morningstar Markets subscription.

**Data Upload**
Developed on a Web Services API, this functionality allows users to load proprietary data. Every upload is indexed, entitled, and logged, providing administrators with a comprehensive tool to see who loaded a data set, when it was loaded, and where it was loaded.

**Forward Curves**
With the flexibility to extract forward curves for multiday ranges, the Morningstar Add-In is an essential tool for analysts and traders. The table layout is optimized for quick analysis of contract date and price. The Curve Surface output includes delivery and transaction dates.

**Custom Formulas**
Functionality allows for easy manipulation of ray time series data into actionable information. The Morningstar Add-In gives users the flexibility to create their own formulas or choose from more than 100 stored formulas. Formulas range from simple addition and subtraction operations to dynamic functions such as 5 x 16 averages, MACD oscillators, and Bollinger bands.

**Seasonal Analysis**
By giving users the flexibility to align raw time series and custom formulas, the seasonal analysis tool streamlines market calculations for robust year-over-year analysis.

**Element Functions**
The series of 15 functions gives users the ability to extract metadata, such as descriptions, expiry dates, and contract months, for any contracts. Similar to other Excel functions, results are returned in one cell, allowing for dynamic spreadsheet creation.

**Event-Driven Analysis**
The Query function gives research analysts and risk-management professionals the ability to test technical and fundamental strategies in an Excel environment. The scalability of the language allows for a large number of contracts, nodes, or global macro data to undergo the same trading strategy in minutes.

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**Morningstar Add-In Templates**
Morningstar Add-In Templates are built using core and optional data sets and include charts and data tables for specific markets. Examples include: US Power Markets, Agriculture, Oil & Refined Products and Natural Gas.
The Add-In Workflow Solution

The Morningstar Add-In user interface allows users to filter and select data from Morningstar's 300+ data sources via an intuitive quick search or user-defined shortcuts. Users can then execute queries resulting in a variety of highly customizable outputs such as forward curves, seasonal analysis, or hourly tables.

Morningstar Add-In offers the ability to pull data directly into Excel from hundreds of energy market vendors, in addition to their firm’s own proprietary data. Users can visualize the data through a variety of outputs ranging from raw time series to forward curves to seasonal analysis.

Utilizing both Morningstar and Excel’s formula functions, users can select from more than 100 stored formulas or create their own to shape the raw data and generate customized results.

Once proprietary content has been created, users can then write to a dedicated server which allows for global access across an organization.

Morningstar Markets users can easily distribute the information created to their desired audience.