

Jak korzystać z aplikacji data-search-engine w pythonie?

# 1. Stwórz plik notebokowy np. “CRC.ipynb”

# 2. W folderze, w którym stworzycie plik  
będziecie mieli wszystkie dane pobrane

#3. Otwórzcie w jupyterze kod. Wpiszcie w  
komórke kod z następnej strony.

#wpisujemy komendę

```
!pip install data-search-engine
```

```
from data_search_engine import run_app
```

```
run_app()
```

# Wyskakuje okno

Search:

+

+

Search

Data Source: 

Stock Screens

Symbol	Company Name	Market Cap	Sector	Industry	Price
--------	--------------	------------	--------	----------	-------

ID	Title	Frequency	Source
----	-------	-----------	--------

API Keys Login

Enter FRED API Key:

Get FRED API Key

Enter FMP API Key:

Get FMP API Key

Verify and Save

Copy Codes

Generate Python Code

Remove Selected

Exchange: 

None

Industry: 

None

MarketCap Min:

P/E Min:

Price Min:

Volume More Than:

Dividend Min:

Beta Min:

Sector: 

None

Country (e.g US or PL):

MarketCap Max:

P/E Max:

Price Max:

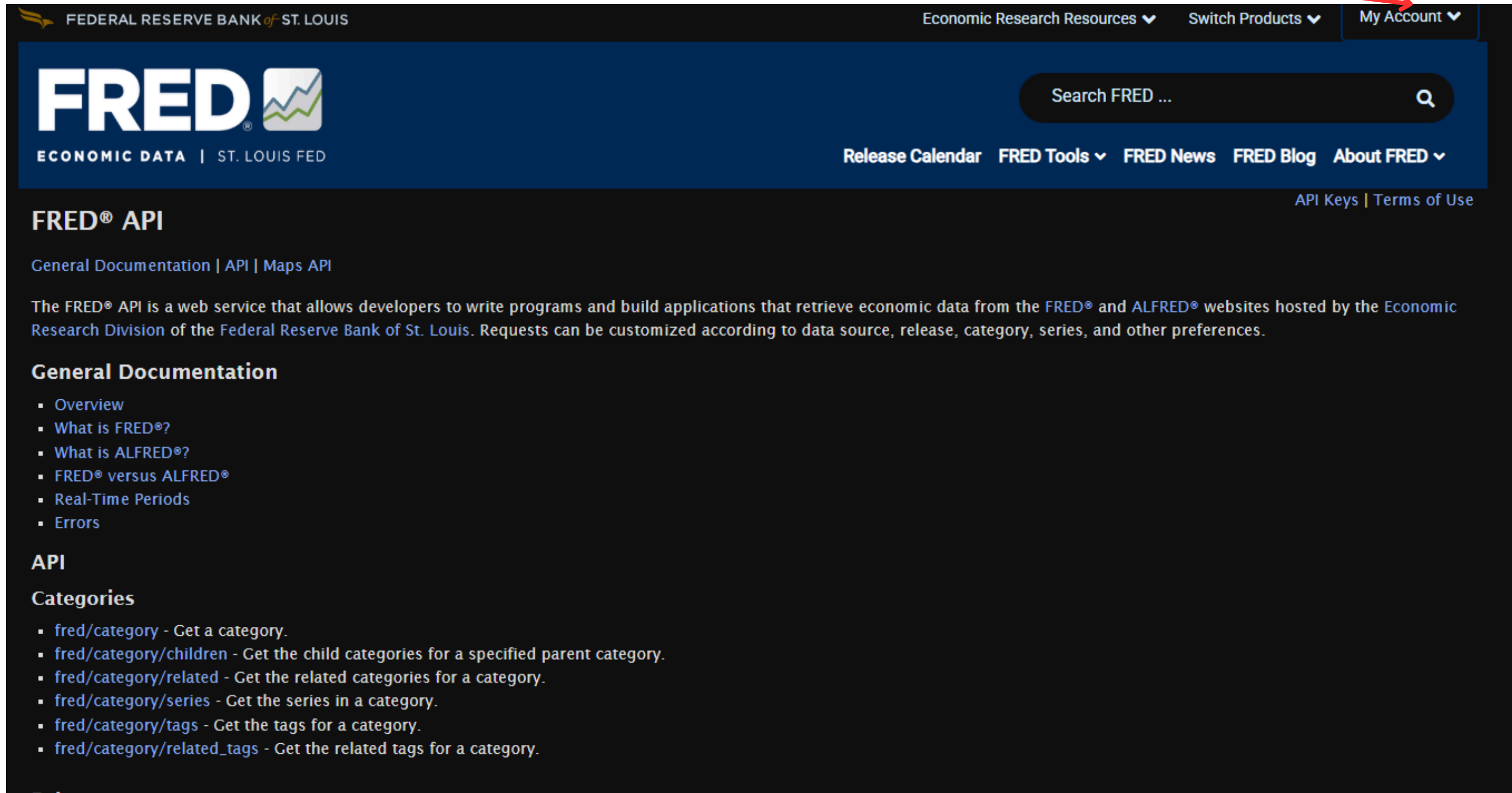
Is ETF (true/false):

Dividend Max:

Beta Max:

naciśnij


# naciśnij/zaloguj się/zarejestruj się




The screenshot shows the FRED API page. At the top, the navigation bar includes 'FEDERAL RESERVE BANK of ST. LOUIS', 'Economic Research Resources', 'Switch Products', and 'My Account'. The 'My Account' link is highlighted with a red arrow. Below the navigation bar is the FRED logo and a search bar. The main content area is titled 'FRED® API' and includes links for 'General Documentation', 'API', and 'Maps API'. A paragraph describes the FRED API as a web service for retrieving economic data. Below this, there are sections for 'General Documentation' and 'API Categories', each with a list of links.

FEDERAL RESERVE BANK of ST. LOUIS

Economic Research Resources ▼ Switch Products ▼ My Account ▼

**FRED** 

ECONOMIC DATA | ST. LOUIS FED

Search FRED ... 

Release Calendar FRED Tools ▼ FRED News FRED Blog About FRED ▼

API Keys | Terms of Use

## FRED® API

[General Documentation](#) | [API](#) | [Maps API](#)

The FRED® API is a web service that allows developers to write programs and build applications that retrieve economic data from the [FRED®](#) and [ALFRED®](#) websites hosted by the [Economic Research Division](#) of the Federal Reserve Bank of St. Louis. Requests can be customized according to data source, release, category, series, and other preferences.

### General Documentation

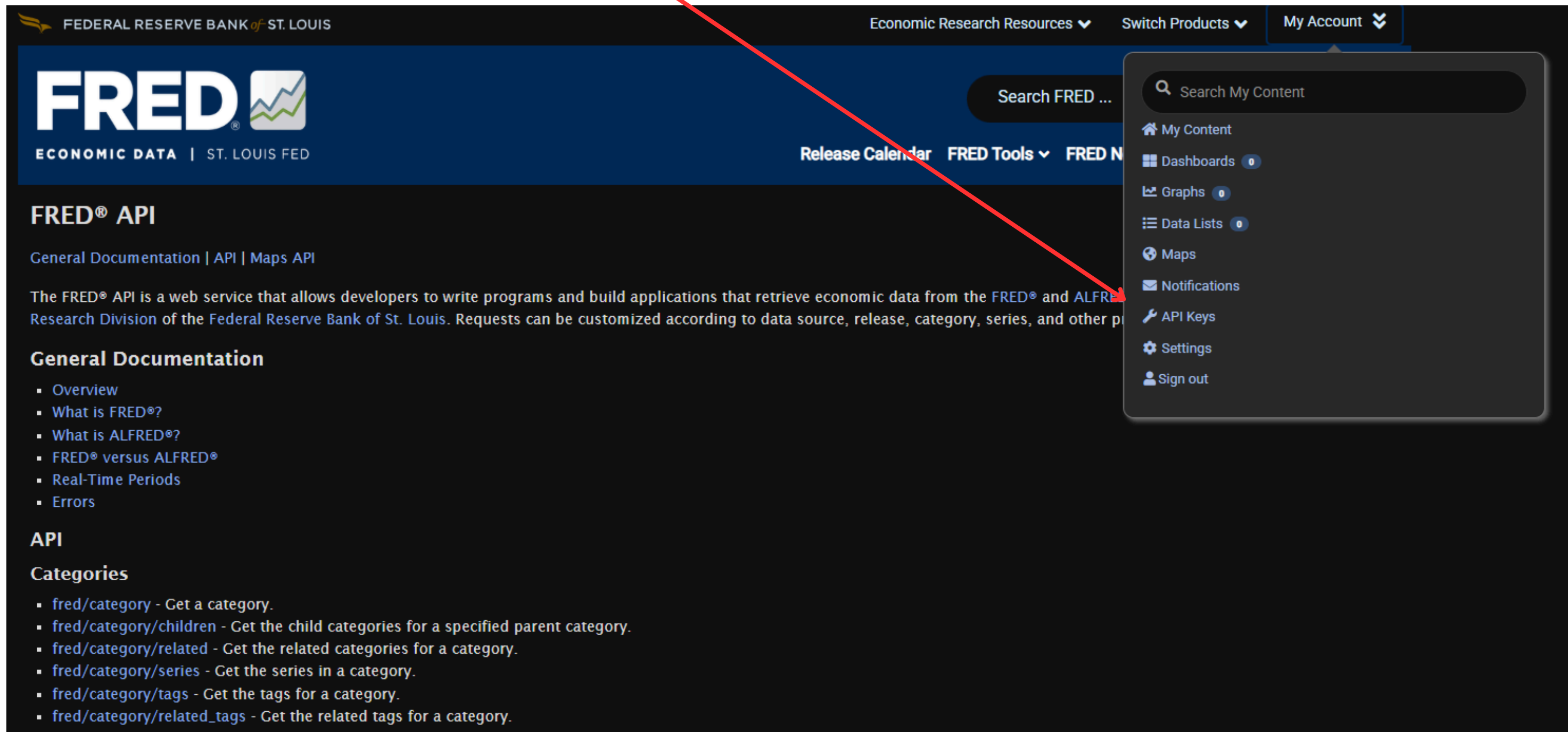
- [Overview](#)
- [What is FRED®?](#)
- [What is ALFRED®?](#)
- [FRED® versus ALFRED®](#)
- [Real-Time Periods](#)
- [Errors](#)

### API

#### Categories

- [fred/category](#) - Get a category.
- [fred/category/children](#) - Get the child categories for a specified parent category.
- [fred/category/related](#) - Get the related categories for a category.
- [fred/category/series](#) - Get the series in a category.
- [fred/category/tags](#) - Get the tags for a category.
- [fred/category/related\\_tags](#) - Get the related tags for a category.

# nacišnij API Keys



The screenshot shows the FRED API documentation page. A red arrow points from the text 'nacišnij API Keys' to the 'API Keys' link in the 'My Account' dropdown menu. The page content includes the FRED logo, a search bar, and a list of API documentation links. The 'My Account' dropdown menu is open, showing options like 'My Content', 'Dashboards', 'Graphs', 'Data Lists', 'Maps', 'Notifications', 'API Keys', 'Settings', and 'Sign out'.

FEDERAL RESERVE BANK of ST. LOUIS

Economic Research Resources ▼ Switch Products ▼ My Account ▼

**FRED** ECONOMIC DATA | ST. LOUIS FED

Search FRED ...

Release Calendar FRED Tools ▼ FRED N

## FRED® API

[General Documentation](#) | [API](#) | [Maps API](#)

The FRED® API is a web service that allows developers to write programs and build applications that retrieve economic data from the FRED® and ALFRED® Research Division of the Federal Reserve Bank of St. Louis. Requests can be customized according to data source, release, category, series, and other parameters.

### General Documentation

- Overview
- What is FRED®?
- What is ALFRED®?
- FRED® versus ALFRED®
- Real-Time Periods
- Errors

### API

#### Categories

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- [fred/category/series](#) - Get the series in a category.
- [fred/category/tags](#) - Get the tags for a category.
- [fred/category/related\\_tags](#) - Get the related tags for a category.

Search My Content

- My Content
- Dashboards 0
- Graphs 0
- Data Lists 0
- Maps
- Notifications
- API Keys
- Settings
- Sign out

# Stwórzcie klucz i skopiujcie go

API Keys

+ Request API Key

About API Keys

The API (Application Programming Interface) is a web service that allows users to write programs and build applications that retrieve economic data from the [FRED®](#) and [ALFRED®](#) websites.

- [Terms of use](#)
- API keys are needed to develop programs & applications using FRED data.
- Developers should request a distinct API key for each application they build.
- All users of an application shall use their own API key.
- Data retrieval documentation for [FRED®](#)

API Key	Application Description	Created	Remove
30213808f0567cd9b8e6 <div></div>	Python (in Visual Studio) :) For building economic models	2024-02-14	<div></div>

1. Wklejcie skopiowany kod

2. Naciśnijcie GET FMP

Search:     Data Source:

Symbol	Company Name	Market Cap	Sector	Industry	Price
--------	--------------	------------	--------	----------	-------

ID	Title	Frequency	Source
----	-------	-----------	--------

API Keys Login

Enter FRED API Key:

Get FRED API Key

Enter FMP API Key:

Get FMP API Key

Verify and Save

Copy Codes

Generate Python Code

Remove Selected

Exchange:

Industry:

MarketCap Min:

P/E Min:

Price Min:

Volume More Than:

Dividend Min:

Beta Min:

Sector:

Country (e.g US or PL):

MarketCap Max:

P/E Max:

Price Max:

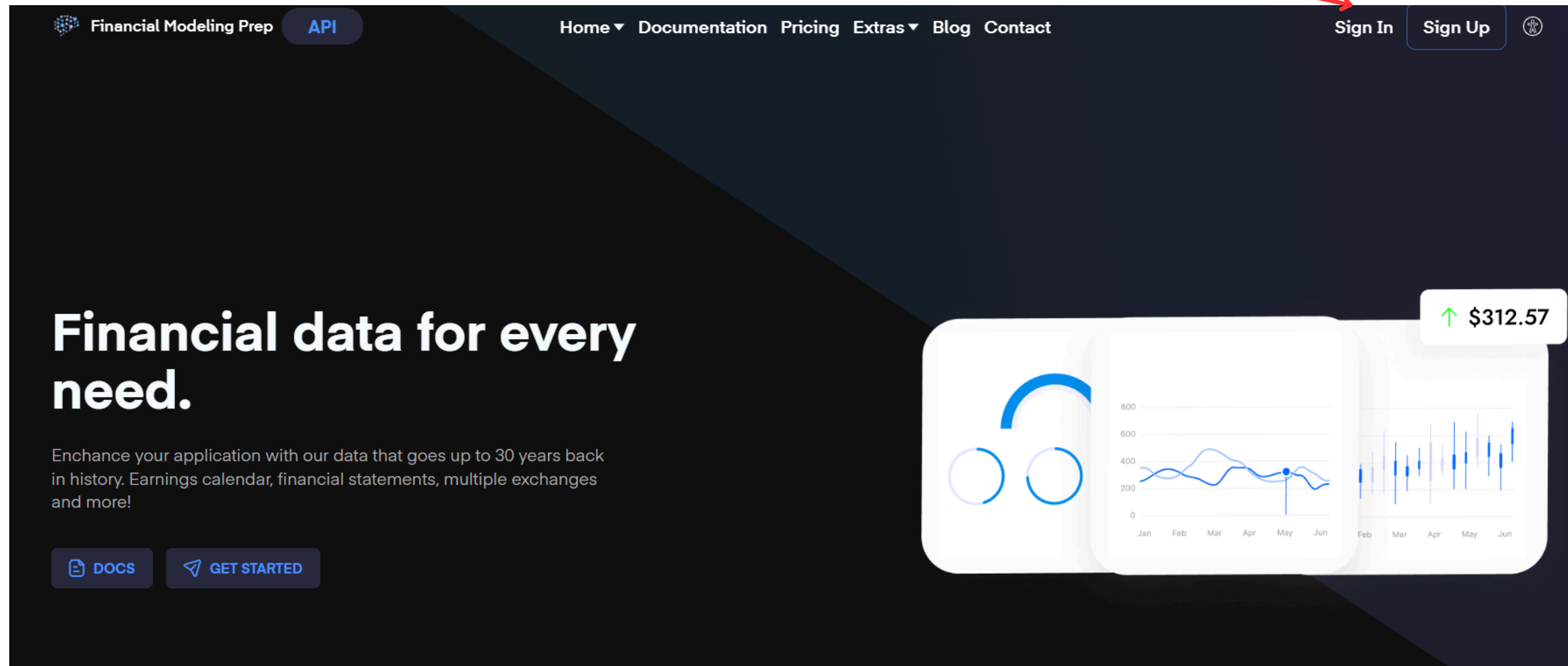
Is ETF (true/false):

Dividend Max:

Beta Max:



# Naciśnijcie



The screenshot shows the homepage of Financial Modeling Prep. A red arrow points from the word "Naciśnijcie" to the "Sign In" button in the top right navigation bar. The website has a dark blue header with the logo, navigation links, and sign-in/sign-up buttons. The main content area features a large heading, a descriptive paragraph, and two buttons. On the right, there is a preview of financial data visualizations.

**Financial Modeling Prep** [API](#)

[Home](#) [Documentation](#) [Pricing](#) [Extras](#) [Blog](#) [Contact](#) [Sign In](#) [Sign Up](#)

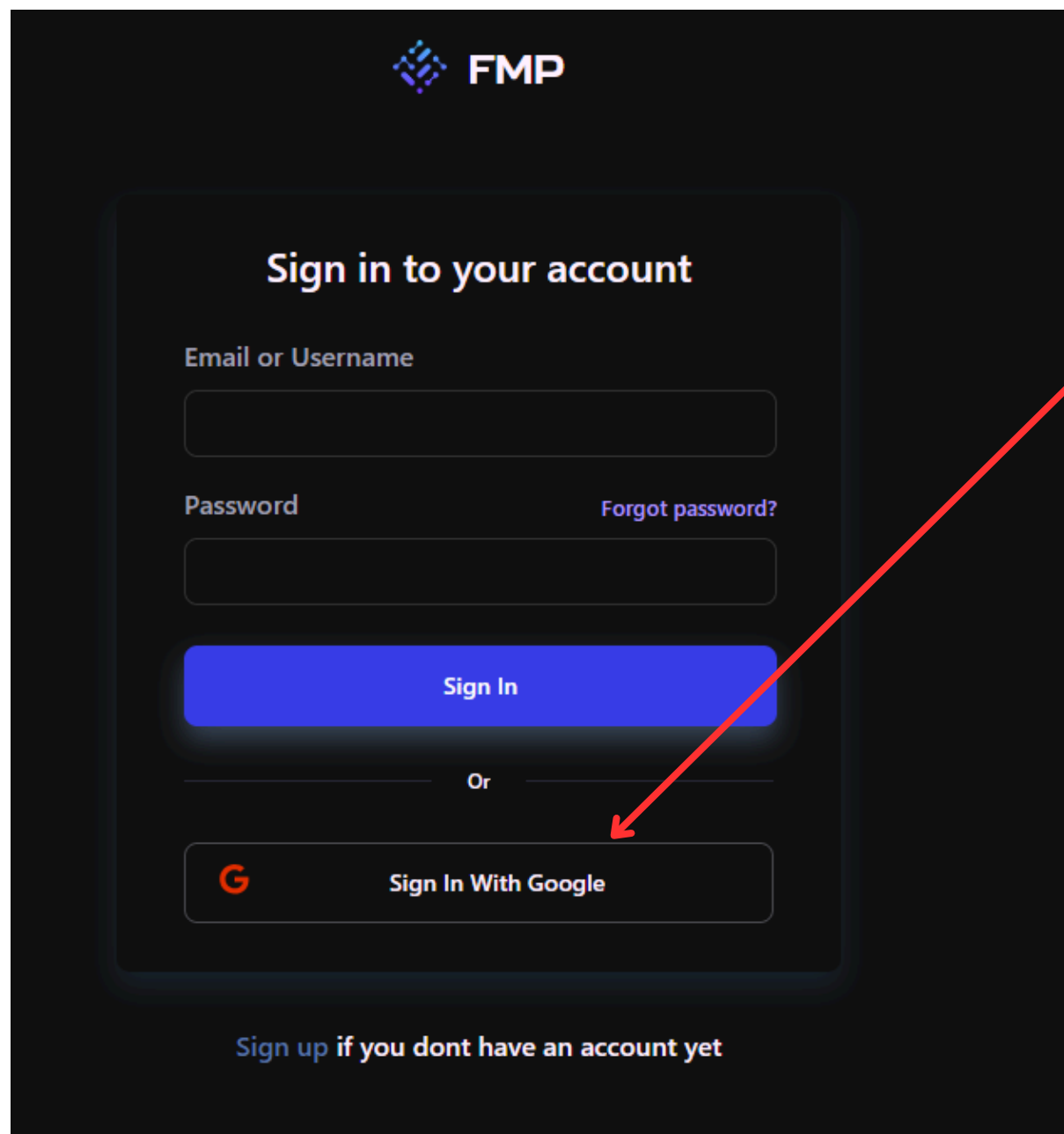
## Financial data for every need.

Enhance your application with our data that goes up to 30 years back in history. Earnings calendar, financial statements, multiple exchanges and more!

[DOCS](#) [GET STARTED](#)

Financial data visualizations including a line chart, a candlestick chart, and a price tag showing **↑ \$312.57**.

Naciśnijcie i zalogujcie się z  
waszego konta google



The image shows a dark-themed login interface for 'FMP'. At the top center is the 'FMP' logo. Below it, the heading 'Sign in to your account' is centered. The form contains two input fields: 'Email or Username' and 'Password'. To the right of the password field is a link 'Forgot password?'. Below these fields is a prominent blue 'Sign In' button. Underneath the button is a horizontal line with the word 'Or' in the center. Below this line is a button with the Google 'G' logo and the text 'Sign In With Google'. A red arrow originates from the text 'Naciśnijcie i zalogujcie się z waszego konta google' and points directly to the 'Sign In With Google' button. At the bottom of the form, there is a link that says 'Sign up if you dont have an account yet'.

FMP


Sign in to your account

Email or Username

Password [Forgot password?](#)

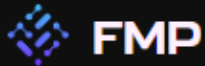
Sign In


Or

 Sign In With Google


[Sign up if you dont have an account yet](#)

Naciśnijcie



SearchEnter ↵

API ToolsPricingBlogScreenerExtras


DashboardLogout


12%QQQ 490.82 ▲ 0.536%DOW 37.42 ▼ -0.06677%BTCUSD 87532.7 ▼ -2.69729%EURUSD 1.0842 ▲ 0.5369%AAPL 239.01 ▲ 1.56%CLUSD 67.2 ▲ 1.27%SPY 575.07 ▲ 0.412%QQQ 490.82 ▲ 0.536%


# Financial data for every need

We provide one of the most accurate financial data available on the market. You can get historical prices, fundamental data, insider transactions, and much more that goes back 30 years in history.

[Get started](#)


AAPL  
\$163.17  
+3.06 (+1.84%)

FB  
\$200.06  
+2.91 (+1.43%)

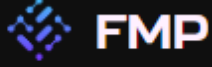
Apple Inc. (APPL) \$163.17 +3.06 (+1.84%)

Financial statementOwnershipInsider

Revenue	365,817,000
Cost of Revenue	212,981,000
Gross Profit	152,836,000
Operating Expenses	43,887,000
Net Income	94,680,000
Earnings Per Share Basic	5.67
Earnings Per Share Diluted	5.61
EBITDA	123,136,000



To jest wasz klucz api skopiujcie go.  
Zaczyna się po “=”



Legacy V1Stable APIs

Search

Changelog

Google Sheet Integration

Excel Add-on

Company Search

Stock ListMinute

Company InformationMinute


Quote

Financial Statements

Statement Analysis

Valuation

Price Targets

 **Beta Documentation Notice**  
The documentation below represents the legacy version of our data set offerings. This version continues to support existing users but will no longer receive major updates. While the API remains functional, it may not include the latest enhancements and optimizations available in the new stable version. We encourage users to transition to the latest version as legacy support will be gradually phased out. The full retirement of this documentation is expected in 2025/2026.

## Free Stock Market API and Financial Statements API

FMP is your source for the most reliable and accurate Stock Market API and Financial Data API available. Whether you're looking for [real-time stock prices](#), [financial statements](#), or [historical data](#), we offer a comprehensive solution to meet all your financial data needs.

Our platform provides free stock market data, including audited, standardized, and real-time updates of income statements, balance sheets, and cash flow statements on a quarterly and annual basis.

We also offer a wide range of historical stock prices, from 1 minute, 15 minutes, 30 minutes, 1 hour and daily intervals, ensuring you have the data you need.

Please [contact us](#) with any questions about APIs or [pricing](#).


To authorize your requests, add `?apikey=YeXqfAMlkRs9wl6y1wkPb83zppWwSZ` at the end of every request.

*Note: When adding the API key to your requests, ensure to use **&apikey=** if other query parameters already exist in the endpoint.*

## Company Search

### General Search API

Search over 70,000 symbols by symbol name or company name, including cryptocurrencies, forex, stocks, etf and other financial instruments.

 **Endpoint:**  
`https://financialmodelingprep.com/api/v3/search?query=AA`

Wklejcie go i wciśnijcie “Verify and Save”

Search:

Search

Data Source: Stock Screene

Symbol	Company Name	Market Cap	Sector	Industry	Price
--------	--------------	------------	--------	----------	-------

ID	Title	Frequency	Source
----	-------	-----------	--------

API Keys Login

Enter FRED API Key:

Get FRED API Key

Enter FMP API Key:

Get FMP API Key

Verify and Save

Copy Codes

Generate Python Code

Remove Selected

Exchange:

None

Industry:

None

MarketCap Min:

P/E Min:

Price Min:

Volume More Than:

Dividend Min:

Beta Min:

Sector:

None

Country (e.g US or PL):

MarketCap Max:

P/E Max:

Price Max:

Is ETF (true/false):

Dividend Max:

Beta Max:

Search:

Search

Data Source: 

Stock Screen

Symbol	Company Name	Market Cap	Sector	Industry	Price
--------	--------------	------------	--------	----------	-------

ID	Title	Frequency	Source
----	-------	-----------	--------

Exchange: 

None

Industry: 

None

MarketCap Min:

P/E Min:

Price Min:

Volume More Than:

Dividend Min:

Beta Min:

Sector: 

None

Country (e.g US or PL):

MarketCap Max:

P/E Max:

Price Max:

Is ETF (true/false):

Dividend Max:

Beta Max:

Copy Codes

Generate Python Code

Remove Selected

Tutaj macie różne źródła  
danych

**FRED** - Dane makroekonomiczne i finansowe np waluty.

**Stocks** - Akcje oraz informacje o spółkach

**Stock Screener** - Wyszukiwanie spółek o danych parameterach

**Eurostat** - Makroekonomiczne z eurpy

**World Bank** - Wszelkie dane światowe

## Zasady korzystania:

1. Wypisujecie dane w panelu na górze - po angielsku
2. Enter/ “Search” (Przycisk) wyszukuje
3. Prawy przycisk myszy na dane otwiera okno które daje wam dostęp do pobierania danych w excleu lub wyświetlania ich na wykresie
4. Jeśli przyciśnięcie na dany wiersz dwukrotnie to doda się on do listy ulubionych przez co jak następnie klikniecie “Generate Python Code” to wygeneruje się wam kod
5. “Remove Selected”/ (klawisz delete) usuwa z listy ulubionych
6. Kliknięcie na tytuł kolumny sortuje ją alfabetycznie/lub wartościowo



## Dodatkowe info dotyczące źródła “FRED”:

1. W fredzie dane wyszukiwacie dla danego kraju więc musicie go sprecyzować inaczej wyjdą wam głównie amerykańskie
2. Jak wyszukiacie fraze to na końcu możecie dodać “Q” lub “A” lub “M” lub “D” co będzie odpowiadać częstotliwości notowanych danych np kwartalne, roczne, miesięczne czy dzienne
3. Dana znajdziecie zawsze w folderze kodu

## Dodatkowe info dotyczące źródła “STOCKS”:

1. Wyszukujcie najlepiej po tickerach (jak nie znacie tickeru to wpiszcie w google yahoo plus nazwa firmy)
2. Możecie wyszukiwać też po całych nazwach, ale może nie wyłapywać
3. PPM możecie pobierać dane fundamentalne roczne i kwartalne - pobierają się w pdf i excelu
4. Możecie prosić też swoje modele językowe aby pomogły wam przeanalizować konkretne dane wrzucając do nich informacje