**Financial Data App**

A Python-based financial data viewer built with Tkinter and yfinance. This app allows users to retrieve stock closing prices and exchange rates with additional features like modern UI styling using ttk and the AlTi theme.

**Features**

* Stock Prices:  
  Retrieve closing prices for a specified stock ticker on a selected date.
* Exchange Rates:  
  Get current exchange rates between selected currencies over different time ranges (Today, Previous Day, Last 5 Days).
* Modern UI:  
  A clean, modernized interface using ttk widgets and a custom AlTi color theme.
* SSL Verification Disablement:  
  Temporarily disables SSL certificate verification during data requests to work around SSL issues (see below).

**Prerequisites**

Before running the app, ensure you have the following installed:

* Python 3.x:  
  You can download Python from [python.org](https://www.python.org/).
* Required Python Packages:  
  Install the following packages using pip:

pip install yfinance tkcalendar requests

* + yfinance: For retrieving financial data.
  + tkcalendar: For a modern date picker widget.
  + requests: For making HTTP requests (the app includes a patch to disable SSL verification during these requests).

**SSL Certificate Verification**

The program temporarily disables SSL certificate verification by patching the requests.Session.request method. This is done to avoid SSL errors when accessing financial data sources. **Note:** Disabling SSL verification can expose you to potential security risks. Use this functionality only for testing or in trusted environments.

**Code Structure**

* Imports and Theme Setup:  
  The app uses Tkinter and ttk for the UI. The AlTi theme colors are defined at the beginning of the script.
* SSL Disablement:  
  The SSL disablement functions (disable\_ssl\_verification() and enable\_ssl\_verification()) patch the requests.Session.request method to bypass SSL certificate checks during data retrieval.
* Stock Price Retrieval:  
  Uses yfinance to download stock data for a specified date, including a check for non-trading days.
* Exchange Rate Retrieval:  
  Retrieves exchange rate data from yfinance based on the user-selected time range.
* Modernized UI:  
  The UI is built using ttk widgets with custom styling, making the application look cleaner and more modern.