

WealthSprout

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Video Link: https://www.youtube.com/watch?v=R0Vgz2u0_78

Example browser output:

The screenshot displays the WealthSprout web application interface. At the top, the WealthSprout logo is visible. Below it, a search bar labeled "Choose Company" contains the text "Microsoft". The main content area shows the stock ticker "MSFT". To the left of the ticker, the "Current Price" is listed as "\$251.11" with a small tooltip indicating it is "Determined by the forces of supply and demand in the stock market". To the right, the "Current Ratio" is listed as "2.01". Below the price, the "Leadership at Microsoft" section lists several executives and their titles. To the right of the leadership list, the "SEC Filing Information" section provides details about the company's filings, including the ticker "MSFT", filing name "Microsoft", and CIK "CIK0000789819". It also includes a table of recent SEC filings.

Year	Filing Info	Gross Profit Margin %	Earnings Per Share (In Dollars)
0	2022 CY 2022 SEC 10-K	68.4	9.65
1	2021 CY 2021 SEC 10-K	68.93	8.05
2	2020 CY 2020 SEC 10-K	67.78	5.76

Setup and Running Instructions

Pre-Requisite: install a browser (Google Chrome/Safari)

1. Navigate to the folder where the project is downloaded. Use the terminal to cd into the main project folder named "DFP-Final-Project"

2. Activate conda by running the following command

```
Python
conda activate base
```

3. Download required packages by running the following command

```
Python  
pip install -r requirements.txt
```

Or install them separately:

```
Python  
pip install sec_cik_mapper  
pip install streamlit  
pip install BeautifulSoup4
```

4. Run the app by running the following command

```
Python  
streamlit run wealthsprout.py
```

```
(base) [redacted] DFP-Final-Project % streamlit run wealthsprout.py  
  
You can now view your Streamlit app in your browser.  
  
Local URL: http://localhost:8501  
Network URL: http://192.168.1.31:8501
```

To close the program, press CTRL + C in the terminal where you started the application from.