SEC EDGAR Insights

Aditya Goel

Electronic Data Gathering, Analysis, and Retrieval (EDGAR)

Access mandatory, structured SEC filings from public companies, funds, and investors.

Data is available through:

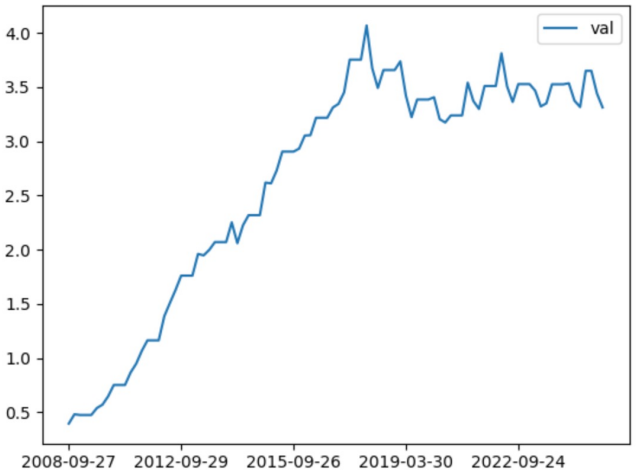
- Website (sec.gov)
- Bulk downloads
- JSON and XBRL APIs

Identifiers:

- Central Index Key (CIK): Unique company ID
- Accession Number: Unique filing ID

Use Cases

- Track large fund holdings
- Analyze risk and disclosure data



EXAMPLE:
AAPL assets over time
in 100 Billions USD

Plot generated from
python scripts using
EDGAR JSON APIs

Ultimately support decision making for investors and their portfolios

Things I'm excited for:

Extract key financial data over time to detect trends

Build alerting system for regular monitoring

Generative AI summaries and insights

Our Project – Get insight from Mutual Funds

- Sector allocation changes
- New positions or sell-offs
- High-level summary outputs for users

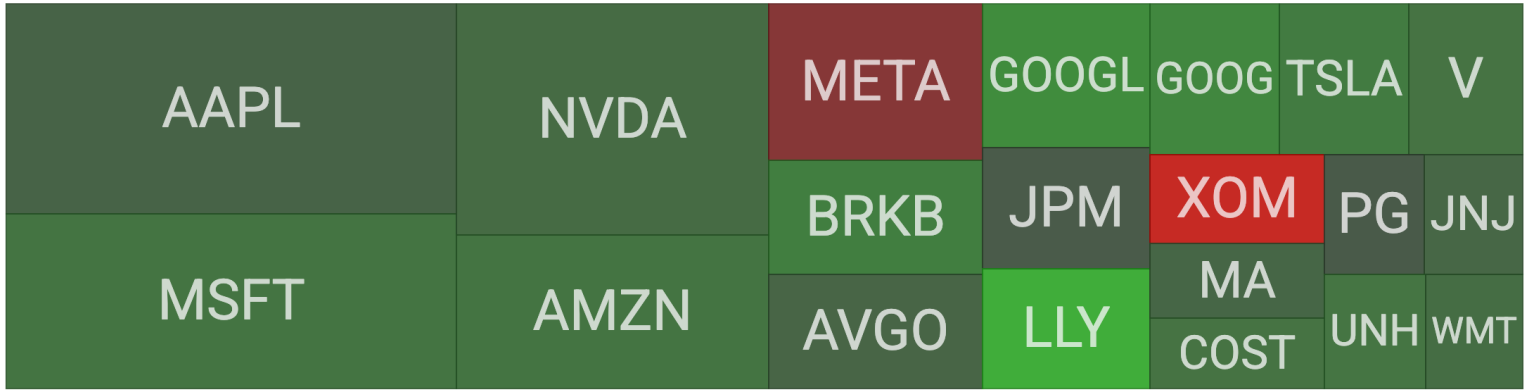
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 13F

OMB APPROVAL	
OMB Number:	3235-0006
Estimated average burden hours per response:	23.8

FORM 13F INFORMATION TABLE

COLUMN 1	COLUMN 2	COLUMN 3		COLUMN 4	COLUMN 5			COLUMN 6	COLUMN 7	COLUMN 8		
				VALUE	SHRS OR	SH/	PUT/	INVESTMENT	OTHER	VOTING AUTHORITY		
NAME OF ISSUER	TITLE OF CLASS	CUSIP	FIGI	(to the nearest dollar)	PRN AMT	PRN	CALL	DISCRETION	MANAGER	SOLE	SHARED	NONE
BROOKFIELD CORP	CL A LTD VT SH	11271J107		670,183,777	12,806,141	SH		DFND	1	0	12,806,141	0
[illegible]	COM	013872106		2,023,919	66,358	SH		DFND	2	0	66,358	0
PETCO HEALTH & WELLNESS CO I	COM	71601V105		26,006,856	8,526,838	SH		SOLE		0	0	8,526,838
BRAZE INC	COM CL A	10576N102		2,135,323	59,183	SH		DFND	6	0	0	59,183
COMPANIA DE MINAS BUENAVENTU	SPONSORED ADR	204448104		467,759	29,927	SH		DFND	2	0	29,927	0
BGSF INC	COM	05601C105		1,928,055	523,928	SH		SOLE		0	0	523,928
[illegible]	COM	21871N101		518,978	25,578	SH		DFND	2	0	25,578	0
PINNACLE FINL PARTNERS INC	COM	72346Q104		2,335,213	22,022	SH		DFND	2	0	22,022	0
IPOWER INC	CL A	46265P107		229,724	459,448	SH		SOLE		0	0	459,448
U HAUL HOLDING COMPANY	COM SER N	023586506		2,662,922	44,997	SH		DFND	6	0	0	44,997
FARMLAND PARTNERS INC	COM	31154R109		97,540	8,748	SH		DFND	2	0	8,748	0
STEELCASE INC	CL A	858155203		429,073	39,149	SH		DFND	1	0	39,149	0
EAGLE MATLS INC	COM	26969P108		6,373,830	28,720	SH		DFND	6	0	0	28,720
				2,421,268	74,181	SH		DFND	1	0	74,181	0
				1,232,646	877,328	SH		SOLE		0	0	877,328
				29,996,359	123,870	SH		DFND	1	0	123,870	0
				372,887	13,826	SH		DFND	4	0	8,924	4,902
				[illegible]	[illegible]	SH		DFND	6	0	0	[illegible]

Vanguard Group Inc Holdings Map

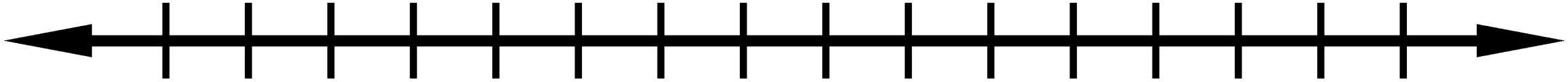


Courtesy of hedgefollow.com

Project Overview

July 11:
Parse holdings data
Normalize data format
Generate trends plots

July 23:
Implement dashboard
text or video
Easy to understand delivery



July 8:
Connect to EDGAR
Identify top funds
Pull Filings

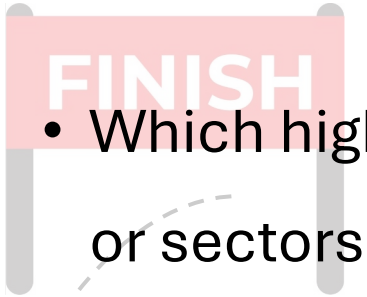
July 18:
Implement GenAI
Summarize movements

July 25:
Work towards full automation
Error handling
Finalize alert/monitoring system

Support

- Advice on best practices for gathering and storing data/insights
- Internal or external LLM? How much fine-tuning would be for optimal results? Prompt engineering expertise.
- Best way to deliver easy to digest decisions and a summary?
- Any legal or plagiarism issues with deriving output from others' data?

Strategy



- Which highest-leverage funds or sectors can we focus on?
- Are we targeting speed, quality, or breadth?
- What other data sources can be used to complement the SEC data?