

# EDGAR EXPLORER: XBRL AND APIs

Data Analytics for Professional Accountants (ACCTG 522)
Class 8 | MPAcc Class of 2026



- **Review**
- XBRL Filings
- Mini-Lab:
  - EDGAR Explorer Case: Examine a company XBRL filing.
- Labs (both XBRL based):
  - Accessing the SEC EDGAR Filings API Accessing the SEC Company Facts
- Conclusion and look ahead.

#### Core Capabilities: Doc & Data Intelligence

#### **Doc Intelligence**

- Automated understanding and summarization of documents
- Quick extraction of important points and data from any text
- Comparison of document contents to identify key differences
- Accurate language translation for diverse document types
- Trend and pattern detection within large volumes of text

#### **Data Intelligence**

- Connect to any data source, integrating seamlessly with AI.
- Utilize AI to uncover deep insights from complex datasets
- Empower finance to do real-time decision-making with dynamic, Al-driven data analysis.
- Leverage predictive analytics to forecast trends and guide strategic planning.



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# **XBRL Filings**

#### In assessment teams:

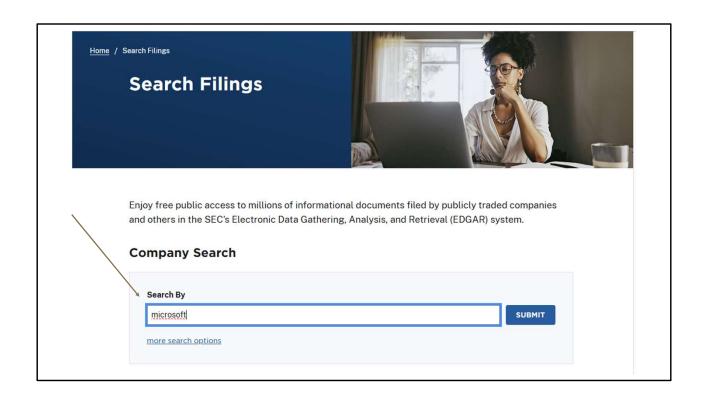
- Pick a stock you believe is over or undervalued
- Update the Table below:

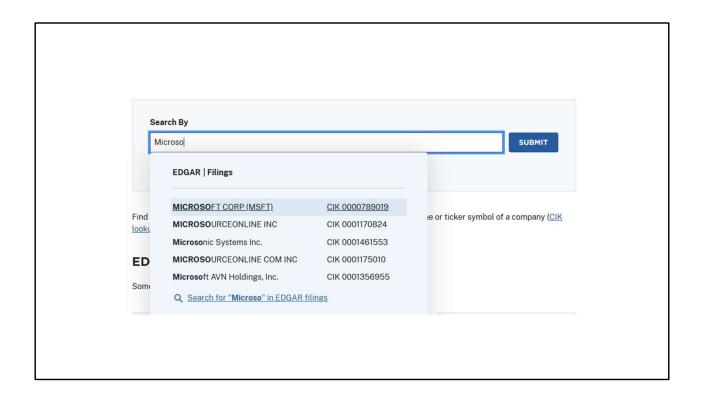
Sock selected	Under/Over Valued	Sock selected	Under/Over Valued

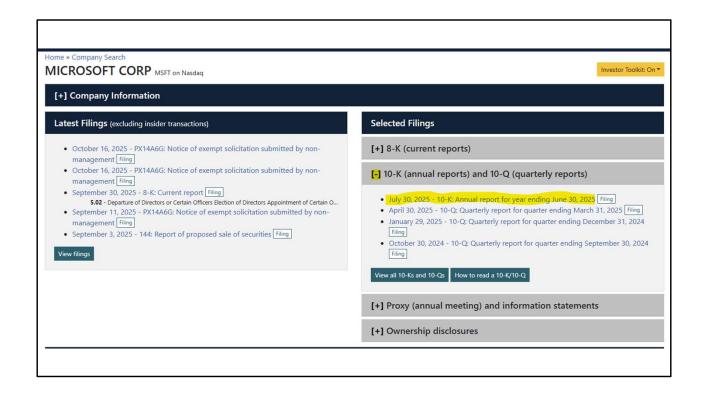
### **XBRL Filings**

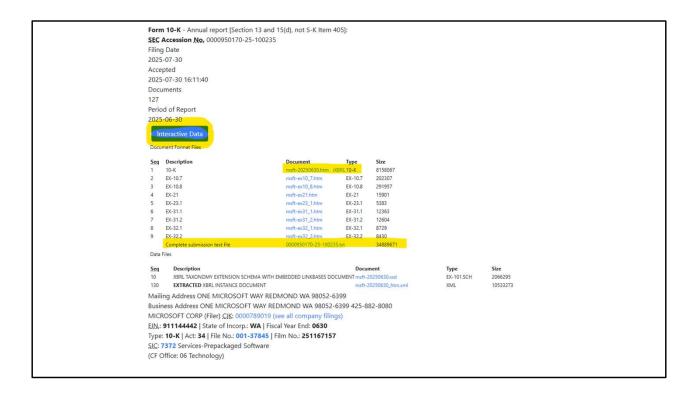
#### **Use the EDGAR Search Tool**

- <u>SEC.gov | Search Filings</u> (<u>www.sec.gov/search-filings</u>).
- Obtain the most recent 10-K of your target company.
- Access the **XBRL instance** of the 10-K.





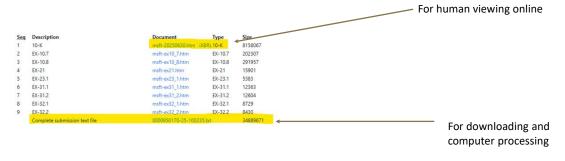




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### **Accessing the SEC EDGAR Filings API**

Goal: To obtain a **specific filing** (e.g., most recent 10-K) in complete submission format.

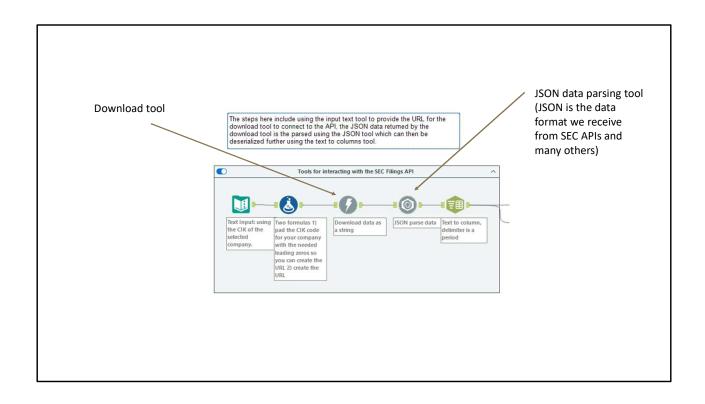


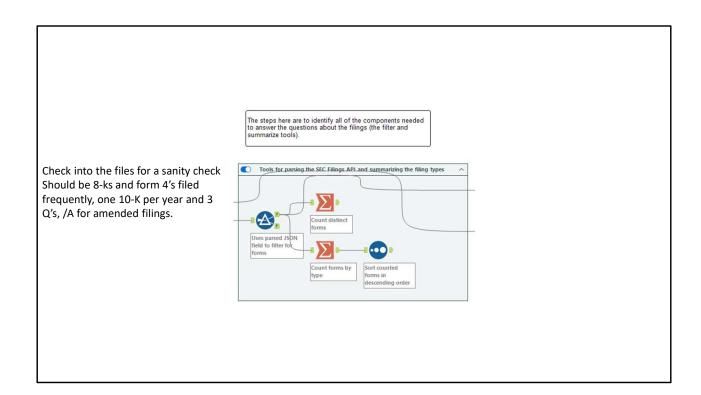
### **Accessing the SEC EDGAR Filings API**

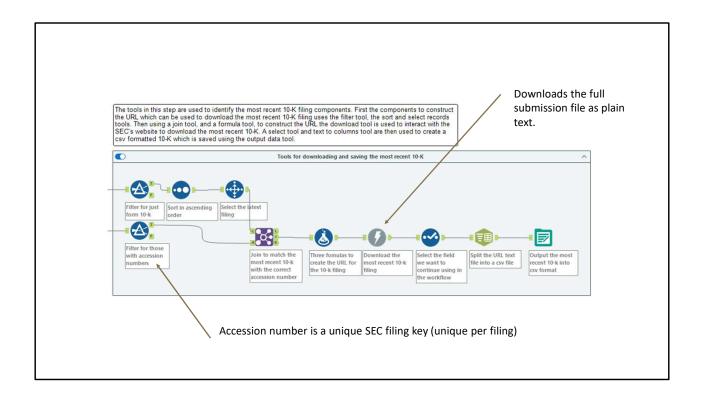
Three main steps:

- 1. Request the list of filings for a specific CIK.
- 2. Save and parse the filings data
- 3. ID the file of interest and download it.

**Requests** are made using the *submissions* API, the file is downloaded directly from the SEC/Archives.

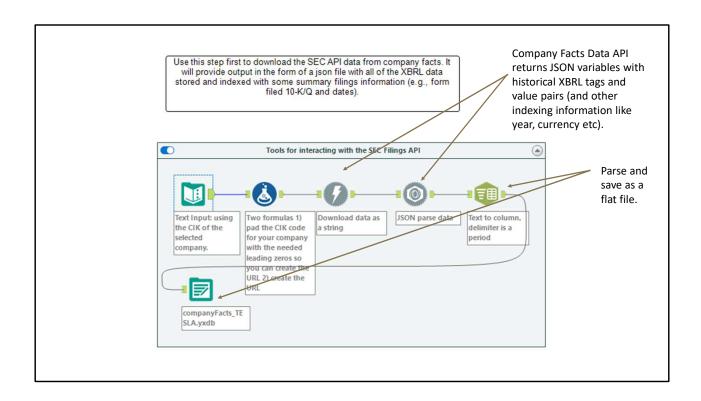




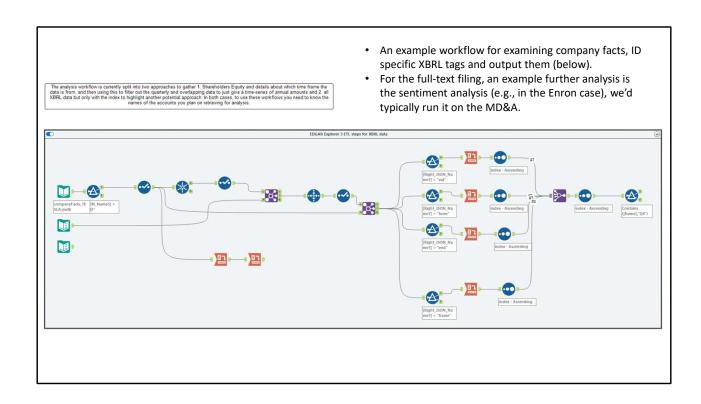


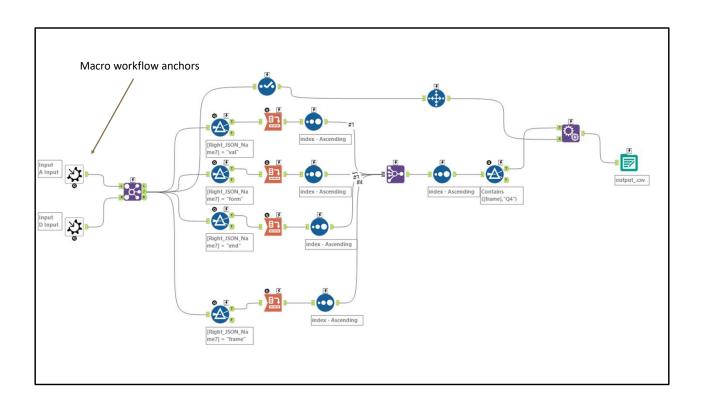
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### **Team Deliverable Today**

One submission per assessment team:

- 1. Proposed analyses of EDGAR data:
  - 1. Outline the goal of the analyses.
  - 2. Identify the API to connect to.
  - 3. Identify the data challenges to be address (use the example output from today's lab).
- 2. You can propose more than one analysis.
- 3. One email submission on behalf of your team abcurtis@uw.edu

