# Report Cruncher finance made easy



by the AIDATATOOLS Team

# **Meet the Team**



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People from 6 countries 5 time zones



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# Problem

Unlike big-shot investor firms with armies of analysts, many **retail investors lack the resources, time, and financial education** needed to perform comprehensive analysis of financial reports. Limited access to financial information and a lack of expertise can lead to poor returns and missed opportunities.



# Solution

#### Report Cruncher simplifies financial reports for

retail investors, empowering them to make informed investment decisions and achieve success in the stock market.



# Simplifying Financial Data

Financial reports can be complex and challenging for the average individual to comprehend. Our financial software provides a simple and effective solution by condensing this information into a clear, understandable style. Our program simplifies financial data, making it more accessible to small business owners, investors, and anyone who needs to interact with financial information but does not have specialist financial expertise.

Corporale Finance Institute*. All rights concord.	Historical Results							
FINANCIAL STATEMENTS	2012	2013	2014	2015	2016	2017		
ncome Statement								
Bevenue	102,007	118,086	131,345	142,341	150,772	158,311		
Cost of Goods Sold (COGS)	39,023	48,004	49,123	52,654	56,710	58,575		
Gross Profit	62,984	70,082	82,222	89,687	94,062	99,736		
Expenses								
Salaries and Benefits	26,427	22,658	23,872	23,002	25,245	26,913		
Rent and Overhead	10,963	10,125	10,087	11,020	11,412	10,000		
Depreciation & Amortization	19,500	18,150	17,205	16,544	16,080	15,008		
Interest	2,500	2,500	1,500	1,500	1,500	1,500		
Total Expenses	59,390	53,433	52,664	52,066	54,237	53,421		
Earnings Before Tax	3,594	16,649	29,558	37,622	39,825	46,314		
Taxes	1.120	4,858	8,483	10,908	11,598	12.968		
Net Earnings 🛛 🗧 🚩	2,474	11,791	21,075	26,713	28,227	33,346		
alance Sheet								
Assets		10 X X						
Cash	167,971	181,210	183,715	211.069	239,550	272,530		
Accounts Receivable	5,100	5,904	6,567	7,117	7,539	7,807		
	7,805	9,601	9,825	10,531	11,342	11,715		
Property & Equipment	45,500	42,350	40,145	38,602	37,521	37,513		
Total Assets	226,376	239,065	240,252	267,319	295,951	329,564		
Liabilities								
Accounts Payable	3,902	4,800	4,912	5,265	5,671	5,938		
Debt	50,000	50,000	30,000	30,000	30,000	30,000		
Total Liabilities	53,902	54,800	34,912	35,265	35,671	35,938		
Shareholder's Equity								
Equity Capital	170,000	170,000	170,000	170,000	170,000	170,000		
Retained Earnings	2,474	14,265	35,340	62,053	90,280	123,627		
Shareholder's Equity	172,474	184,265	205,340	232,053	260,280	293,627		
Total Liabilities & Shareholder	226,376	239,065	240,252	267,319	295,951	329,564		
					200,001	323,304		
					200,001	323,304		
Construction and Construction and Social Development					200,001	323,304		
Operating Cash Flow		44 204						
Operating Cash Flow	2,474	11,791	21,075	26,713	28,227	33,346		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization	19,500	18,150	17,205	26,713 16,544	28,227 16,080	33,346 15,008		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital	19,500 9,003	18,150 1,702	17,205 775	26,713 16,544 903	28,227 16,080 827	33,346 15,008 375		
Cash Flov Statement Operating Cash Flov Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations	19,500	18,150	17,205	26,713 16,544	28,227 16,080	33,346 15,008		
Operating Cash Flov Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flov	19,500 9,003 <b>12,971</b>	18,150 1,702 <b>28,239</b>	17,205 775 <b>37,505</b>	26,713 16,544 903 <b>42,354</b>	28,227 16,080 827 <b>43,480</b>	33,346 15,008 375 <b>47,980</b>		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment	19,500 9,003 <b>12,971</b> 15,000	18,150 1,702 <b>28,239</b> 15,000	17,205 775 <b>37,505</b> 15,000	26,713 16,544 903 <b>42,354</b> 15,000	28,227 16,080 827 <b>43,480</b> 15,000	33,346 15,008 375 <b>47,980</b> 15,000		
Operating Cash Flov Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flov	19,500 9,003 <b>12,971</b>	18,150 1,702 <b>28,239</b>	17,205 775 <b>37,505</b>	26,713 16,544 903 <b>42,354</b>	28,227 16,080 827 <b>43,480</b>	33,346 15,008 375 <b>47,980</b>		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment Cash from Investing	19,500 9,003 <b>12,971</b> 15,000	18,150 1,702 <b>28,239</b> 15,000	17,205 775 <b>37,505</b> 15,000	26,713 16,544 903 <b>42,354</b> 15,000	28,227 16,080 827 <b>43,480</b> 15,000	33,346 15,008 375 <b>47,980</b> 15,000		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment Cash from Investing Financing Cash Flow	19,500 9,003 <b>12,971</b> 15,000	18,150 1,702 <b>28,239</b> 15,000 <b>15,000</b>	17,205 775 <b>37,505</b> 15,000 <b>15,000</b>	26,713 16,544 903 <b>42,354</b> 15,000 <b>15,000</b>	28,227 16,080 827 <b>43,480</b> 15,000	33,346 15,008 375 <b>47,980</b> 15,000		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment Cash from Investing Financing Cash Flow Issuance (repayment) of debt	19,500 9,003 <b>12,971</b> 15,000 <b>15,000</b>	18,150 <u>1,702</u> <b>28,239</b> 15,000	17,205 775 <b>37,505</b> 15,000	26,713 16,544 903 <b>42,354</b> 15,000	28,227 16,080 827 <b>43,480</b> 15,000	33,346 15,008 375 <b>47,980</b> 15,000		
Operating Cash Flov Net Earnings Flus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment Cash from Investing Financing Cash Flow Issuance (repayment) of debt Issuance (repayment) of equity	19,500 9,003 <b>12,971</b> 15,000	18,150 1,702 <b>28,239</b> 15,000 <b>15,000</b>	17,205 775 <b>37,505</b> 15,000 <b>15,000</b>	26,713 16,544 903 <b>42,354</b> 15,000 <b>15,000</b>	28,227 16,080 827 <b>43,480</b> 15,000	33,346 15,008 375 <b>47,980</b> 15,000		
Operating Cash Flow Net Earnings Plus: Depreciation & Amortization Less: Changes in Working Capital Cash from Operations Investing Cash Flow Investments in Property & Equipment Cash from Investing Financing Cash Flow Issuance (repayment) of debt Issuance (repayment) of equity Cash from Financing	19,500 9,003 <b>12,971</b> 15,000 <b>15,000</b> - 170,000 <b>170,000</b>	18,150 1,702 28,239 15,000 15,000	17,205 775 <b>37,505</b> 15,000 (20,000) 2 <b>0,000</b>	26,713 16,544 903 <b>42,354</b> 15,000 <b>15,000</b>	28,227 16,080 827 <b>43,480</b> 15,000 <b>15,000</b>	33,346 15,008 375 <b>47,980</b> 15,000 <b>15,000</b>		
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# Demo

### Feature: Summarize financial statements Question & Answer



# Technologies we used

#### Backend:

Programming Language: Python

Web Server: gunicorn

Framework: Flask

#### Frontend:

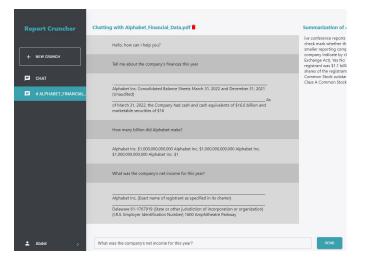
Programming Language: TypeScript Library: React

Fine-tune GPT-3 curie model, Using ECTSum dataset (highest compression ratio so far) Cost: \$32.46, training time: 30 min. With 1684 training, 252 validation



### Making Money by Offering Subscription-Based Model

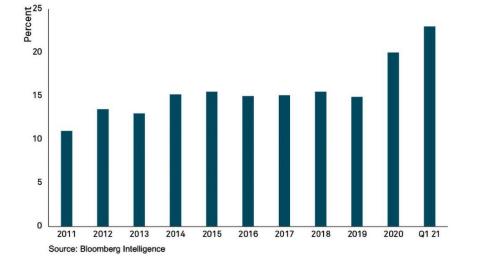
- Report Cruncher will be offered as a subscription-based service;
- To attract new users and showcase the value of our platform, we will offer a few free Report Crunches before requiring a subscription to access additional reports;
- Our marketing strategy will include targeted advertising and promotional campaigns through social media, search engines, and other channels to reach our target audience of retail investors;
- We will also explore partnerships with financial advisors, brokerages, and other financial service providers to reach a wider audience and build credibility.



# **Target audience**

**Retail investors** are nonprofessional investors who use their own money to buy and sell securities:

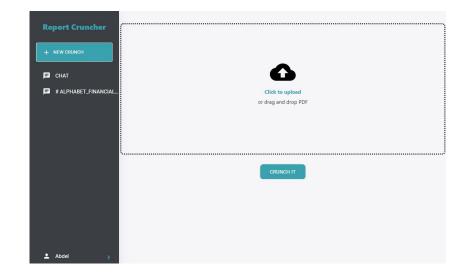
- accounted for more than 20% of all stock market shares traded\*
- the total annual volume of trades was approximately \$420 trillion and more than \$84 trillion is accounted on retail investors\*





### What's next

- Chained prompts are a series of prompts that build on each other to produce a final summary
- After sufficient funding, fine-tune Davinci model to get better results







# Setting Ourselves Apart with

- More User-Friendly Results
- Specialization in Financial Reports
- Opportunity to Ask Questions





Seeking Alpha $^{\alpha}$ 



# **Financial Projections**

Hosting costs: \$50/month

Cost per Request: It depends on # of tokens



# **Crunching the training data**

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AAN_q1_2021.txt	- 0	)riginal	Lines:	63	Total	Lines:	28	Summary	Lines:	3
AAP_q1_2021.txt	- 0	)riginal	Lines:	169	Total	Lines:	37	Summary	Lines:	4
AAP_q2_2021.txt	- 0	Driginal	Lines:	134	Total	Lines:	33	Summary	Lines:	5
AAP_q3_2021.txt					Total	Lines:	42	Summary	Lines:	5
AAT_q1_2020.txt	- 0	)riginal	Lines:	78	Total	Lines:	33	Summary	Lines:	1
AAT_q2_2020.txt					Total	Lines:	42	Summary	Lines:	1
AAT_q2_2021.txt					Total	Lines:	51	Summary	Lines:	1
AAT_q3_2020.txt					Total	Lines:	36	Summary	Lines:	2
AAT_q3_2021.txt	- 0	Driginal	Lines:	84	Total	Lines:	38	Summary	Lines:	3

# **Compatible with PDFs, Excel Sheets, and More**





ARCTIC OCEAN

# Adaptable Tool for a Global

II - SOUTH PACIFIC Prench Polynesia (PRACI) Prench Polynesia

Market

SOUTH ATLANTIC OCEAN Jones & Carlo



**Precise and** Effective **Approach to Summarize Financial Reports** 



# **Small Business** Owners, Investors, and **Anyone Trying to** Comprehend **Financial Data**