

# Pitchbook: Beginner's Guide to Getting Started

Created by: Cecilia Li '23

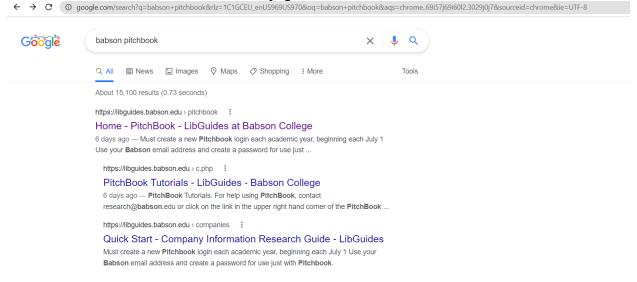
Created December 2021; Updated February 2023 by Peter D'Ambrosio '24

# 1. What is Pitchbook?

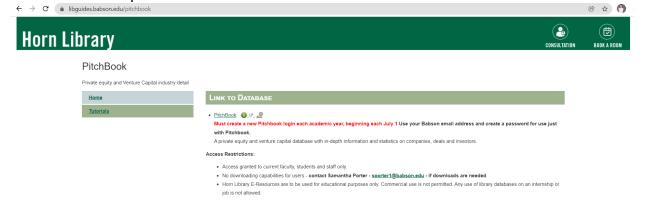
PitchBook is a database that provides data, research and technology covering private capital markets, including venture capital, private equity and M&A transactions.

## 2. Access Pitchbook using Babson account

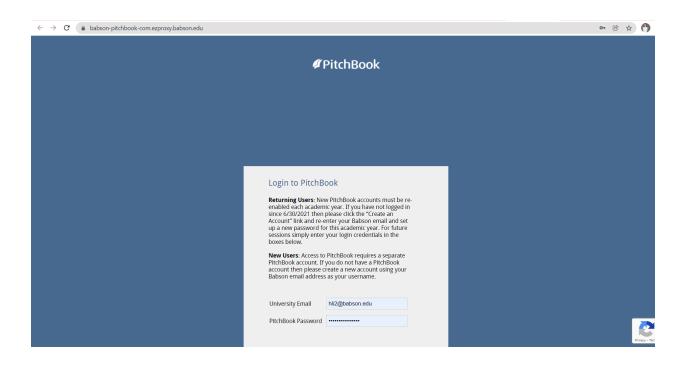
a) Babson has free accounts for students. First, google "babson pitchbook" to be directed to the LibGuides page.



b) Then, click into Pitchbook. New users need to use Babson email address to create a separate Pitchbook account.



c) Returning students can log in using your Babson email and password.



d) After logging in, the home page shows industry updates and top news.

🖉 PitchBook	Search PitchBook	🛛 Help Center 🗸 🛛 CL 🛛 Cecilia Li 🗸
→ → → Live Upd m m m m m		C Personalize
	Europe's 'soonicorns': Who will be next to reach a \$1B valuation? PitchBook   08-Dec Arecord number of unicorns have been minted in Europe during 2021, following a bumper year for VC investments in the region. In total, 70 companies in Europe and Israel have become unicorns so far this year, according to PitchBook data, easily beating 2020's total of 19. 2021's cohort includes insurtech startup Marshmallow, blotech company Owkin and peer-to-peer lender Zopa. With valuations and deal amounts expected to continue growing in size, more startups will undoubtedly join the unicorn club next year. We've compiled a list of VC-backed companies in fast-growing sectors that are currently valued at o Read More	Quick Counts      Saved Searches with Updates     Saved Search Name     Updates (07-Dec-2021)     CaD     VC Deals 2016 YTD     7.98K     CaD     Angel/Seed/Accelerator Financin     4.1K     IBB Most Active VC Firms 2016 YTD     868
US PE: Recovery		<ul> <li>Followed Entities with Updates</li> <li>Connect with your PitchBook Rep.</li> </ul>

# **3.** Searching Information about a non-public company/public company

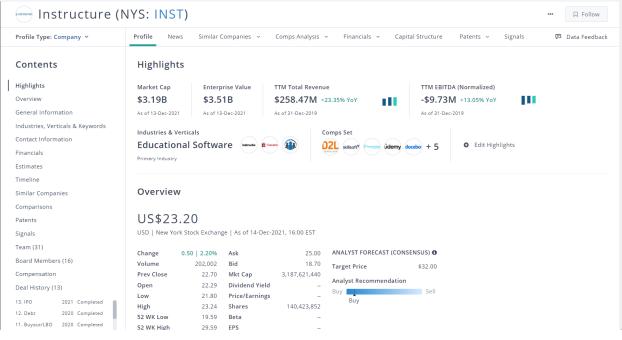
a) If you are researching a company, either public or private, you can look up their name directly or filter a company by certain criteria, for example, industry, size, funding received, etc.

🖉 PitchBook	Search PitchBook		٩	🕢 Help Center 🗸 🛛 🗘 Cecilia Li 🗸
<b>I←</b> Collapse	Companies & D	eals Search	3,318,432 Results	S 🗘 🖹 Save As Search
E Screeners	1 Criterion 👻			
Companies & Deals Public Companies	Companies & Deals Scre	eeners > 1fo		Industries, Verticals & Keywords 🛛
Investors & Funds Limited Partners	Recent VC Exits VC-Back	ked Exits ked Companies () ked Exits (backing)		Type industries, verticals, and keywords
People Debt & Lenders Service Providers	Aging PE Portfolio M&As Unicorn Companies IPOs	(no backi tion	ng)	Deal Info
Library ^	PE-Backed Companies 	is screen s	ating Subsidiary)	Investors 🏠 Upload a List Add by name, stock symbol, pbID, or URL
News	Investors	Backing Status 🕥		Deal Types Select deal type(s)
Market Analysis Analyst Workspaces	Service Providers	Select backing status(es)	~	Deal Size
Analyst-Curated Verticals	Financial Data	Location		Min
Emerging Spaces Market Size Estimates	Public Comps	Select location(s)	~	Max
Market Maps	Debt Characteristics	Search Non-HQ Only		Include deals without a deal size
🗶 Workflow 🔨	Patents	Any Office Location		Exclude deals without a deal size  Deal Date
Custom Benchmarks	Company Signals	Company Names 📵	🏦 Upload a List	Deal Date     O Trailing Ranges
Funds Overview Guided Buyers List	Other Criteria	Add by name, stock symbol		From MM-DD-YYYY

b) The industry filter is highlighted below. Simply click the industry you are interested in and Pitchbook will tell you the key players within that industry.

l← Collapse	Companies &	Deals Search 3,318,432 Results		🗘 📋 Save As Search
E Screeners	1 Criterion 🗸			
Companies & Deals Public Companies	Industry			AND Custom
Investors & Funds	Location			
Limited Partners People	Company Status	Include related keywords		
Debt & Lenders	Exit / Liquidity	Hide All Industries and Verticals		
Service Providers	Investors	Industries 🚯 🛨 🛨 Handbox Industries (B2B) 1,596,901	Verticals () 1. 3D Printing 1,849	
Research Center	Service Providers	2. Consumer Products and Services (B2C) 1,050,125     3. Energy 78,420	<ul> <li>2. AdTech 7,668</li> <li>3. Advanced Manufacturing 2,878</li> </ul>	
News	Financial Data	+ _ 4. Financial Services 216,486 + _ 5. Healthcare 345,496	<ul> <li>4. AgTech 6,321</li> <li>5. Artificial Intelligence &amp; Machine Learning</li> </ul>	ng 23.605
🐨 Market Analysis 🔷	Public Comps	+ 6. Information Technology 545,829	6. AudioTech 2,051	
Analyst Workspaces	Debt Characteristics	+ 7. Materials and Resources 160,048	<ul> <li>7. Augmented Reality 2,809</li> <li>8. Autonomous cars 702</li> </ul>	
Analyst-Curated Verticals Emerging Spaces	Patents		9. B2B Payments 743	
Market Size Estimates	Company Signals		<ul> <li>10. Beauty 1,332</li> <li>11. Big Data 15,697</li> </ul>	
Market Maps	Other Criteria		<ul> <li>12. Cannabis 4,604</li> <li>13. Car-Sharing 365</li> </ul>	
🗙 Workflow 🔷 🔨	Lists		14. CleanTech 28,663	
Custom Benchmarks Funds Overview	🛛 Request a Field		<ul> <li>15. Climate Tech 2,283</li> <li>16. CloudTech &amp; DevOps 10,849</li> <li>17. Construction Technology 1,615</li> </ul>	
Guided Buyers List			18. Cryptocurrency/Blockchain 7,533	

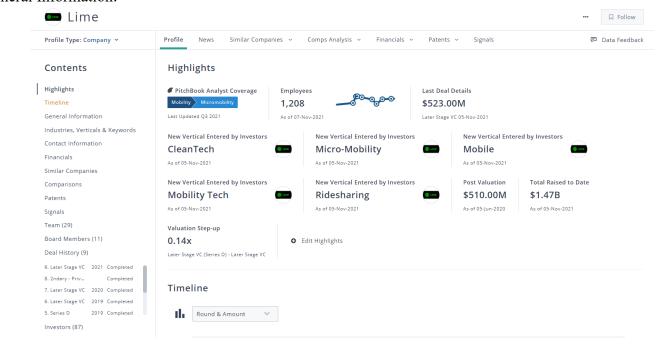
STEPHEN D. CUTLER CENTER FOR INVESTMENTS AND FINANCE BABSON PARK, MA 02457-0310 WWW.BABSON.EDU c) Here is an example of a public company: Instructure (parent company of Canvas) Figures on market cap, EV, EBITA, similar companies, comps, capital structure, etc. are available.



# Also, information is available on their team including contacts and previous deals (funding history)

Instructure (N	NYS:	INST)							
Profile Type: Company 💙	Profile	News Similar Companies	s ~ Comps Ana	lysis ~ Finan	cials ~ Capita	al Structure P	'atents ~ Si	ignals	Data Feedback
Team (31)									
Board Members (16)	Dea	l History (13)							
Compensation									
Deal History (13)	#	Deal Type	Date	Amount	Raised to Date	Pre-Val	Post-Val	Status	Stage
13. IPO 2021 Completed	13	IPO	22-Jul-2021	\$250.00M	\$269.85M	\$2.52B	\$2.77B <sup>E</sup>	Completed	Generatin
12. Debt 2020 Completed 11. Buyout/LBO 2020 Completed	12	Debt - General	22-Dec-2020	\$19.85M	\$19.85M			Completed	Generatin
10. PIPE 2019 Completed	11	Buyout/LBO	23-Mar-2020	\$2.00B <sup>E</sup>	\$190.93M		\$2.00B <sup>E</sup>	Completed	Generatin
9. 2ndary - Open 2018 Completed	10	PIPE	05-Mar-2019	\$16.28M	\$190.93M			Completed	Generatin
Ownership	9	Secondary Transaction	28-Feb-2018		\$174.65M			Completed	Generatin
Investors (11)	8	Secondary Transaction	28-Feb-2017		\$174.65M			Completed	Generatin
Lenders on Deals (14) Service Providers	7	IPO	13-Nov-2015	\$80.96M	\$174.65M	\$343.61M	\$424.57M <sup>E</sup>	Completed	Generatin
Lead Partners on Deals (22)	6	Later Stage VC (Series E)	01-Nov-2014	\$42.40M <sup>E</sup>	\$93.69M	\$511.49M	\$553.89M	Completed	Generatin
Investments   Buy Side (7)	5	Later Stage VC (Series D)	07-Oct-2013	\$30.00M	\$51.29M	\$190.00M	\$220.00M	Completed	Generatin
Affiliates	4	Later Stage VC (Series C)	12-Aug-2012	\$11.61M	\$21.29M	\$150.36M	\$161.97M	Completed	Generatin
News	3	Later Stage VC (Series B)	20-Apr-2011	\$8.67M	\$9.68M	\$11.90M	\$20.57M	Completed	Generatin
Filings (267)	2	Early Stage VC (Series A)	29-Jan-2010	\$1.01M	\$1.01M	\$2.63M	\$3.64M	Completed	Startup
Sourcing	1	Seed Round						Completed	Startup

d) Here is an example of a private company/start-up: Lime (scooter sharing company)



#### General Information:

#### Funding history:

#### Deal History (9)

#	Deal Type	Date	Amount	Raised to Date	Pre-Val	Post-Val	Status	Stage
9	Later Stage VC	05-Nov-2021	\$523.00M	\$1.47B			Completed	Generatin
8	Secondary Transaction			\$947.10M			Completed	Generatin
7	Later Stage VC	05-Jun-2020	\$170.00M	\$947.10M	\$340.00M	\$510.00M	Completed	Generatin
6	Later Stage VC	14-Sep-2019		\$777.10M			Completed	Generatin
5	Later Stage VC (Series D)	09-Jul-2019	\$310.00M	\$777.10M	\$2.09B	\$2.40B	Completed	Generatin
4	Later Stage VC (Series C)	21-Dec-2018	\$335.10M	\$467.10M	\$764.90M	\$1.10B	Completed	Startup
3	Early Stage VC (Series B)	15-Feb-2018	\$120.00M	\$132.00M	\$175.00M	\$260.00M	Completed	Startup
2	Accelerator/Incubator	24-May-2017		\$12.00M			Completed	Startup
1	Early Stage VC (Series A)	01-Apr-2017	\$12.00M	\$12.00M	\$30.00M	\$42.00M	Completed	Startup

nvestors (87)					
ctive Investors (86) Forme	r Investors (1)				
Name	Investor Type	Holding	Investor Since	Board	Related Deals
Abu Dhabi Growth Fund	Venture Capital	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New
Capitaline	PE/Buyout	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New
David La Placa	Angel (individual)	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New Contact: David La Placa 🖬
Fidelity Investments	Mutual Fund	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New
Highbridge Capital Manage	Hedge Fund	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New
Sixty Degree Capital	Venture Capital	Minority	Nov 2021		#9. Later Stage VC: Nov 2021, \$523.00M, New
Ajax Strategies	Venture Capital	Minority	Jun 2020		#7. Later Stage VC: Jun 2020, \$170.00M, New I
B3 Angels	Angel Group		Jun 2020		#7. Later Stage VC: Jun 2020, \$170.00M, New I
Carbon Arrow Capital	Growth/Expansion		Jun 2020		#7. Later Stage VC: Jun 2020, \$170.00M, New I
Ethos VC	Venture Capital	Minority	Jun 2020		#7. Later Stage VC: Jun 2020, \$170.00M, New I

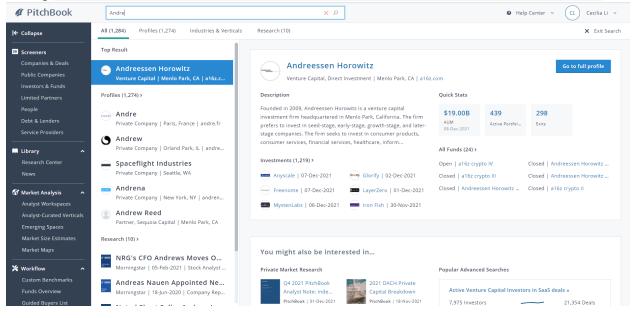
# 4. Search for a Fund/Investment firm/Investor

a) If you don't have a fund or venture firm in mind, but you would like to know which one might be suitable for you, you can look for them by filtering investor type by stages, industry, size, location, etc.

🖉 PitchBook	Search PitchBook		Q	🛛 Help Center 🖌 🛛 CL 🛛 Cecilia Li
<b>ŀ←</b> Collapse	Investors &	Funds Search 387,	929 Results	众
E Screeners	1 Criterion 🗸			
Companies & Deals Public Companies	Key Fields	Investor Types		Additional Options
Investors & Funds	Investor Types			
Limited Partners People	Investor Location	Angels/Incubators Angel Group Angel (individual)	Other Investor Types     Asset Manager     Business Development Company	Search for primary investor type only Search lead/sole investors only
Debt & Lenders	General Information	Arger (Individual)	Family Office	Include PE-backed companies that made Add-ons
Service Providers	Stated Preferences	Venture Capital	Fund of Funds	
Library ^	Strategic Acquirers	Venture Capital	Fundless Sponsor     Government	
Research Center	Financial Investors	Not-For-Profit Venture C	<ul> <li>Holding Company</li> <li>Hedge Fund</li> </ul>	
News	Fund Criteria	Private Equity  PE/Buyout	Impact Investing Infrastructure	
Market Analysis ^	Fund Terms	Growth/Expansion	Investment Bank	
Analyst-Curated Verticals	Fundraising & IRR	Other Private Equity	Leasing Lender/Debt Provider	
Emerging Spaces Market Size Estimates	Deal Criteria	Strategic Acquirers Corporation	Limited Partner     Merchant Banking Firm	
Market Maps	Deal Types	Corporate Development	Mutual Fund	
🕻 Workflow 🔨	Deal Exit Types	<ul> <li>PE-Backed Company</li> <li>VC-Backed Company</li> </ul>	Real Estate     SBIC	
Custom Benchmarks Funds Overview	Deal Location		<ul> <li>Secondary Buyer</li> <li>Sovereign Wealth Fund</li> </ul>	
Guided Buyers List	Deal Industry		Special Purpose Acquisition Compan	

b) Or you can search for a venture capital/private equity firm.

#### Example of a VC: A16Z



#### General information, team, contacts (their partners' Linkedin, email, etc).

PitchBook	Search PitchBook		Q	Ø	Help Center 👻 🛛 CL 🛛 Cecilia Li 🕙
Collapse	- Andreessen	n Horowitz			🖓 Follow
Screeners	Profile Type: Investor 👻	Profile News Investments ~	Co-Investors Exits ~ Funds ~	Limited Partners Analytics	🕫 Data Feedba
Companies & Deals Public Companies	Contents	Green highlight indicates updated i	nformation		
nvestors & Funds .imited Partners	General Information	General Information			
eople lebt & Lenders	Team (265)	Description Founded in 2009, Andreessen Horowitz is			
ervice Providers	Affiliates Board Seats (235)	stage, growth-stage, and later-stage comp technology, life sciences, foodtech, fintec			l services, healthcare, information
ibrary ^ tesearch Center	Board Members (11) Lead Partners on Deals (676)	Investment Style Summary 🖲			View Analytics
lews Iarket Analysis 🔷	Investments (1,219) Investments by Industry	Past 5 years 🔍			
nalyst Workspaces	Investments by Year	Deal Size	Deal Type	Industry	Geography
nalyst-Curated Verticals	Exits (298)	Large	Specialist	Specialist	Regional
merging Spaces arket Size Estimates	Co-Investors (2,392) Funds (24)	••			
arket Maps	Open Funds (1)				
	Funds by Type				
orkflow ^	Fund Performance (1) Limited Partners (32)			•	•
Funds Overview	Service Providers			•	•

STEPHEN D. CUTLER CENTER FOR INVESTMENTS AND FINANCE BABSON PARK, MA 02457-0310 WWW.BABSON.EDU

#### Team (265)

Current Team (125)

Former Team (140)

**Q** 

Name	Title	Deals	Funds	Boards	Office	Contact
Leila Hay	Business Development Partner				Menlo Park, CA	۵ 🖂 🎐
Christopher Dixon	General Partner	82	12	6	Menlo Park, CA	۱
Connie Chan	General Partner	9	8	1	Menlo Park, CA	۵ 🖂 🎐
Frank Chen	Operating Partner	3	1		Menlo Park, CA	S 🖂 🛅
Jeffrey Jordan	Managing Partner	85	13	14	Menlo Park, CA	۵
John O'Farrell	General Partner	22	6	3	Menlo Park, CA	🌜 🖂 🛅
Peter Levine	General Partner	70	15	10	Menlo Park, CA	۵ 🖂 🎝
Scott Kupor JD	Managing Partner	13	8	5	Menlo Park, CA	۱ 🖂
Stacy D'Amico	Operating Partner				Menlo Park, CA	۵ 🖂 🎐
Eric Thomas	Partner, Technical Talent				Menlo Park, CA	S. 🖂 🖬
Prev 1 2 3 4	13 Next					Show 10 Results 🛛 🗸

#### Their portfolio and exits:

#### Investments (1,218)

Company Name	Deal Date	Deal Type	Deal Size	Co-Investors	Company Stage	Industry	Lead Partner
Anyscale	07-Dec-2021	Later Stage VC (Se	\$100.00M	4	Generating Reven	Software Develop	Benjamin Horo in
Freenome	07-Dec-2021	Later Stage VC (Se	\$300.00M	29	Clinical Trials - Ge	Laboratory Servic	Vijay Pande Ph.D in
MystenLabs	06-Dec-2021	Early Stage VC (Se	\$36.00M	15	Startup	Business/Producti	Arianna Simpson in
Glorify	02-Dec-2021	Early Stage VC (Se	\$40.00M	7	Generating Reven	Application Softw	
LayerZero	01-Dec-2021	Early Stage VC	\$100.00M <sup>E</sup>	2	Startup	Business/Producti	
Iron Fish	30-Nov-2021	Early Stage VC (Se	\$27.60M	3	Generating Reven	Financial Software	
Mainframe	29-Nov-2021	Early Stage VC (Se	\$23.19M	11	Generating Reven	Entertainment Sof	Jonathan Lai 🛯 in
Arc Boat	23-Nov-2021	Early Stage VC (Se	\$30.00M	8	Startup	Marine	
Royal Markets	22-Nov-2021	Early Stage VC (Se	\$55.00M	12	Product Developm	Financial Software	Kathryn Haun in
Aloft	18-Nov-2021	Early Stage VC (Se	\$20.00M	5	Generating Reven	Real Estate Servic	

Prev 1 2 3 4 ... 122 Next

Show 10 Results 🛛 🗸

#### Exits (301) •

Company Name	Exit Date	Exit Type	Exit Size	Status	Buyers	
RTFKT	13-Dec-2021	Merger/Acquisition		Completed	Nike	
BuzzFeed	03-Dec-2021	Reverse Merger	\$16.20M	Completed	890 5th Avenue Cohanzick Man CrossingBridge Redwood Capit Silver Rock Fina	agement al Management
Lowkey	01-Dec-2021	Merger/Acquisition		Completed	Niantic	
Arcus	24-Nov-2021	Merger/Acquisition		Completed	MasterCard	
Knowable (Educational and Training	16-Nov-2021	Merger/Acquisition		Completed	Medium (Social	/Platform Software)
Helix Re	10-Nov-2021	Merger/Acquisition		Completed	Density	
Prodfiler	01-Nov-2021	Merger/Acquisition		Completed	Elasticsearch	
Within (Virtual Reality)	30-Oct-2021	Merger/Acquisition		Completed	Meta Platforms	
Tenfold	27-Oct-2021	Merger/Acquisition		Completed	LivePerson	
Cyngn	20-Oct-2021	IPO	\$26.25M	Completed		
Prev 1 2 3 4 3	31 Next					Show 10 Results 🔍

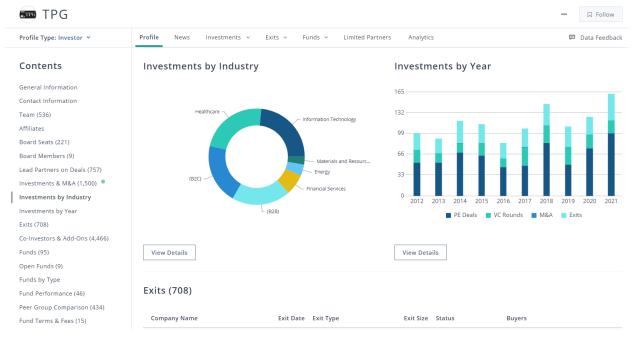
#### c) Example of a Private Equity firm: TPG

#### Their portfolio:

Investments & M&A (1,500) •

Company Name	Deal Date	Deal Type	Deal Size	Co-Investors	Company Stage	Industry	Lead Partner
Course Hero	14-Dec-2021	Later Stage VC (Se	\$380.00M	8	Profitable	Educational Softw	
Avalosys	10-Dec-2021	Buyout/LBO (Add		10	Generating Reven	Financial Software	
Alaya	09-Dec-2021	Buyout/LBO (Add		6	Generating Reven	Business/Producti	
Medical Network	09-Dec-2021	Buyout/LBO (Add		10	Generating Reven	Business/Producti	
Vietnam-Australi	08-Dec-2021	Secondary Transa	\$13.99M		Profitable	Educational and T	
Oima	02-Dec-2021	Buyout/LBO (Add		10	Generating Reven	BPO/Outsource Se	
Dream Sports	24-Nov-2021	Later Stage VC	\$840.00M	6	Generating Reven	Entertainment Sof	
Troon Golf	15-Nov-2021	PE Growth/Expans		1	Profitable	Leisure Facilities	Jeffrey Rhodes in
Amante	12-Nov-2021	Buyout/LBO (Add		8	Generating Reven	Distributors/Whol	James Coulter in
Cinespace Studios	12-Nov-2021	Buyout/LBO	\$1.10B		Generating Reven	Movies, Music and	Avi Banyasz in

#### STEPHEN D. CUTLER CENTER FOR INVESTMENTS AND FINANCE BABSON PARK, MA 02457-0310 WWW.BABSON.EDU



#### Investments statistics are also accessible in charts format

Funds within the Private Equity firm and information on each (fund size, date, industry, portfolio etc)

Funds (95)						√ Filter	rs (0) 🗸
Fund Families (23)	Private Equity (53)	Venture Capital (8)	Private Debt (12)	Hedge Funds (2)	Real Asset (9)	Fund Of Funds (5)	Co Inv 🖒
Fund Name							Open
+ The Rise Fund (2	<b>2 funds)</b> Multiple Fund Ty	/pes   Multiple Locations	5				×
+ TPG Tech Adjac	encies Fund (1 fund) Buy	out   Fort Worth, TX					~
+ TPG Growth Fur	nd (5 funds) Growth/Expa	ansion   Fort Worth, TX					
+ TPG Specialty L	ending Europe Fund (2 fu	unds) Direct Lending   Lo	ondon, United Kingdom	I.			
+ TICP Equity (2 ft	unds) Multiple Fund Type	s   Multiple Locations					
+ TSSP Structured	l Credit Opportunities Fu	u <mark>nd (2 funds)</mark> Debt - Gen	eral   Fort Worth, TX				
+ TSSP Institution	al Credit Partners (4 fun	ds) Collateralized Loan (	Obligation (CLO)   Fort	Worth, TX			
+ TAO (2 funds) M	Iultiple Fund Types   Fort	t Worth, TX					
+ TPG Partners (8	funds) Buyout   Fort Wo	orth, TX					
+ TPG Real Estate	Partners (4 funds) Real	Estate Opportunistic   Fo	ort Worth, TX				

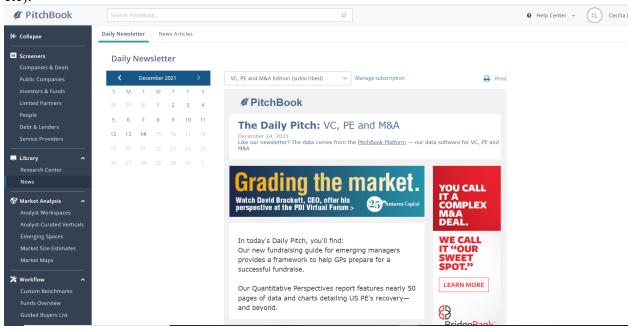
#### Their LPs:

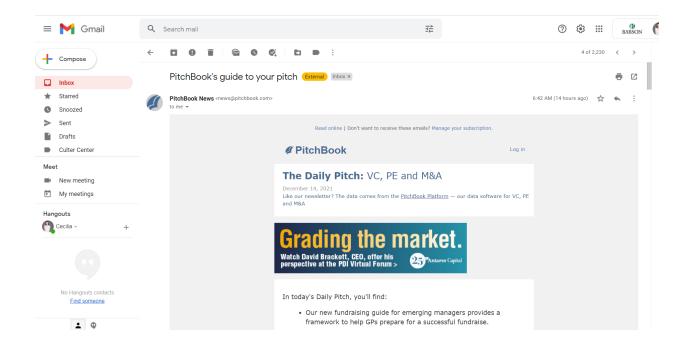
#### Limited Partners (274)

Limited Partner	LP Location	Туре	Commitments to TPG	Last Commit. Date	Last Committed Fund	Total Commitments
1199SEIU Health	New York, NY	Union Pension Fund	6	18-Oct-2018	Balance Point Capit	167
3M Employee Reti	Saint Paul, MN	Corporate Pension	11	31-Dec-2019	HG Vora Opportuni	189
3M Retiree Welfar	Saint Paul, MN	Corporate Pension	2	31-Dec-2006	RoundTable Health	11
Absolute Private E	Zurich, Switzerland	Fund of Funds	10	31-Dec-2010	Lucas Energy Ventu	84
ACP Investment G	Rye Brook, NY	Secondary LP	1	06-Jan-2009	Carlyle Partners V	72
Adams Street Part	Chicago, IL	Fund of Funds	10	18-Oct-2021	Vitalbridge USD Fu	2,132
Aetna Life Insura	Hartford, CT	Insurance Company	9	16-Dec-2015	Nautic Partners VIII	85
Alaska Permanent	Juneau, AK	Sovereign Wealth F	3	19-Nov-2021	EQT Infrastructure V	540
Alaska Retirement	Juneau, AK	Public Pension Fund	3	07-Jun-2021	Marlin Heritage Eur	603
Allstate Insurance	Northbrook, IL	Insurance Company	3	06-Mar-2017	Actis Energy 4	279

### 5. Subscribe to the Pitchbook Newsletter

If you'd like to subscribe so that you receive industry news to your email feed everyday, you can also set that up on the platform. The daily emails serve as good learning materials and a resource for keeping on top of current news, which is always helpful especially in prepping for interviews, etc).





### 6. Access to Public Market Reports

While Pitchbook is known for its private market data, it also provides access to a wide variety of public market reports. To access this, hover your mouse over the research center under the Library tab and click "View all Public Equity Research". You can then use the search bar on top to filter companies. This is demonstrated below with Apple.

Companies & Deals	Res	earch Ce	nter Apple	Q	
Public Companies Investors & Funds Limited Partners	Overviev	v All Pitch	Book (32) Morningstar (615)		Edit table 🗸 🖾
People Debt & Lenders Service Providers	1 Criteri SEARCH		Apple (NAS: AAPL) × O Add a company O Add a keyword		[
Library A	0 Select	ed			
Library ^ Research Center News	0 Selecto	ed Date 4	Title (32)	Company	Analyst
Research Center News			Title (32) Q4 2022 PitchBook Analyst Note: 2023 Industry and Technology Outlook	Company NYS: WMT, NAS: AMZN, NAS:	Analyst Alex Frederick
Research Center News	+	Date 4			
Research Center News 7 Market Analysis ^	#	Date 4 21-Dec-2022	Q4 2022 PitchBook Analyst Note: 2023 Industry and Technology Outlook	NYS: WMT, NAS: AMZN, NAS:	Alex Frederick
Research Center News Market Analysis Analyst Workspaces	# 1 [] 2 []	Date 4 21-Dec-2022 08-Mar-2022	Q4 2022 PitchBook Analyst Note: 2023 Industry and Technology Outlook 2021 Annual Retail Healthtech Report	NYS: WMT, NAS: AMZN, NAS: NAS: MB, NAS: AAPL, Iora He	Alex Frederick Kaia Colban
Research Center News 9 Market Analysis Analyst Workspaces Analyst-Curated Verticals	# 1	Date         J           21-Dec-2022         08-Mar-2022           08-Mar-2022         10-Dec-2021	Q4 2022 PitchBook Analyst Note: 2023 Industry and Technology Outlook 2021 Annual Retail Healthtech Report Q3 2021 Emerging Tech Research: Retail Healthtech	NYS: WMT, NAS: AMZN, NAS: NAS: MB, NAS: AAPL, Iora He NAS: DXCM, NAS: AAPL, NAS:	Alex Frederick Kaia Colban Kaia Colban