

Serendipitous Discovery & PitchBook Data

Samuel Hernandez
Julieta Sanchez
Priya Sudendra
Christina Waldroupe-Ramirez

Executive Summary

PitchBook Data is a data platform that provides research, financial information, and resources to analyze private companies, investments and funds, private equity and venture capital. Their search functionality is managed as a database through which users can query data using different parameters and analyze the results using analytic tools, graphs, models and data visualizations. These searching capabilities are rigid and don't allow users to perform dynamic analysis and discovery within the platform; most users must export the data in order to analyze the information more closely and uncover insights.

We partnered with Pitchbook to utilize user research, information architecture, interaction design, data analysis, and visualization skills to open the platform to discoverability of information and ability for users to gain more valuable information from their searches. Using a user centered design process, we focused on redesigning the content, navigation, and interaction capabilities in Basic Search and Advanced Search as well as designing and building data visualization dashboards that allow users to complete industry analytics with ease without leaving the platform. Our focus was primarily the companies and deals information that is relevant to the venture capitalist segment of their client base.

The project took a total of seven months from the first meeting with the sponsors to the presentation of the final deliverables. We performed domain research, competitive analysis, and informational interviews in order to design the three pages. We tested and iterated over the last three months by performing usability testing with fourteen individuals with varying knowledge of the VC industry and financial analytics. The final deliverable was a high fidelity interactive platform encompassing all the pages that allow the stakeholders, sponsor and potential users, to navigate through our recommended designs.

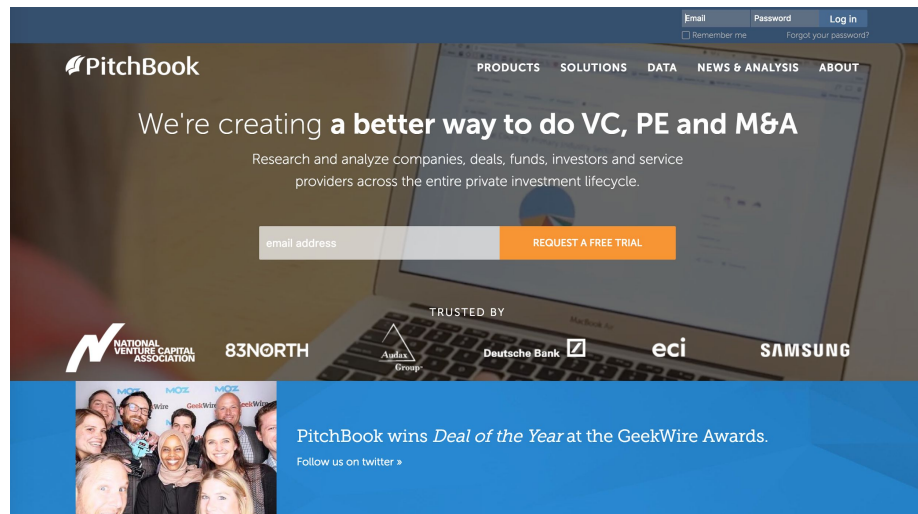
Table of Contents

1. **About**
 - a. Who is PitchBook
 - b. Our Project
 - c. Project Requirements
 - d. Approach
2. **Research**
 - a. Background
 - b. Competitive Analysis
 - c. Informational Interviews
 - d. Testing and Iteration
3. **Advanced Search**
 - a. Low Fidelity Wireframes
 - b. Findings
 - c. High Fidelity Prototype
4. **Basic Search**
 - a. Low Fidelity Wireframes
 - b. Findings
 - c. High Fidelity Prototype
5. **Explore**
 - a. Low Fidelity Wireframes
 - b. Findings
 - c. High Fidelity Prototype
6. **Next Steps**
7. **Conclusion**
8. **References**
9. **Appendix**

About | Who is PitchBook

PitchBook Data is an online data platform that provides research and analysis on companies, deals, funds, investors and service providers across the entire private investment lifecycle. The company was founded in Seattle by John Gabbert in 2007. The company caters to a wide range of clients, including investment banks, VC and PE firms, law and accounting firms; users are comprised mostly of analysts and assessors.

The information is managed as a database where users can query data using different parameters and analyze the results using analytic tools, graphs, models and data visualizations. The information is highly structured and users need to interact with the platform in a rigid search format in order to find specific information. Currently, the platform has several types of advanced search options that provide multiple criteria for searching for companies, deals, investors, and more.



About | Our Project

We partnered with PitchBook in order to perform research on user needs and behaviors leading to the design of functionalities that allow them to discover more information beyond what they were searching for, making PitchBook a one stop shop for all of VC research needs.

COMPANIES <ul style="list-style-type: none">• PE & VC Backed• Startup and angel-backed• Mature Private Companies• Public Companies• Strategic Acquirers Learn more	INVESTORS <ul style="list-style-type: none">• Portfolio• Lead Partners• Deal Details• Partners Learn more	DEALS <ul style="list-style-type: none">• Valuations, terms & multiples• Cap Tables• Participants• Deal history• Exits & IPOs Learn more	M&A <ul style="list-style-type: none">• Strategic M&A• Sponsored M&A• Public and private M&A• Secondary transactions Learn more	LIMITED PARTNERS <ul style="list-style-type: none">• Mandates• Allocations• Commitments• Returns Learn more
FUNDS <ul style="list-style-type: none">• IRRs• DPI, RVPI, TVPI• PME• Custom Benchmarks Learn more	FINANCIALS <ul style="list-style-type: none">• Key private company financials• Full public company fundamentals Learn more	ADVISORS <ul style="list-style-type: none">• Industry expertise• Regional Focus• Lead Partners & Teams• Clients & Network Learn more	PEOPLE <ul style="list-style-type: none">• Contact information• LinkedIn connections• Board seats• Deal experience• Bio & Education Learn more	NEWS & ANALYSIS <ul style="list-style-type: none">• News• Quarterly reports• Data visualization• Custom analytics Learn more

The current inflexibility of the platform creates a known-item and existence searching environment where users are expected to have specific criteria to filter through the data and know the precise concepts they are searching for. This gap in the search functionalities leaves users unable to explore more within the platform and find insights they were not aware of previously. PitchBook's current platform has a siloed format that makes it difficult for people to do serendipitous discoveries of information that might be beneficial for their financial research.

Our goal is to increase discoverability of information by redesigning the views and functionalities of Basic Search and Advanced Search pages, and adding a new data visualization feature where users are able to visualize information leading to easier performance of industry analytics. We are incorporating information architecture knowledge with interaction design, visualization design and data analytics.

About | Project Requirements

The requirements for the project and the new pages were not extensive or disruptive which allowed for plenty of creative freedom. We were given the task of utilizing our visualization and information architecture knowledge along with other skills as we saw fit, keeping in mind the visual styles and designs of the UX department and the business goals of the company.

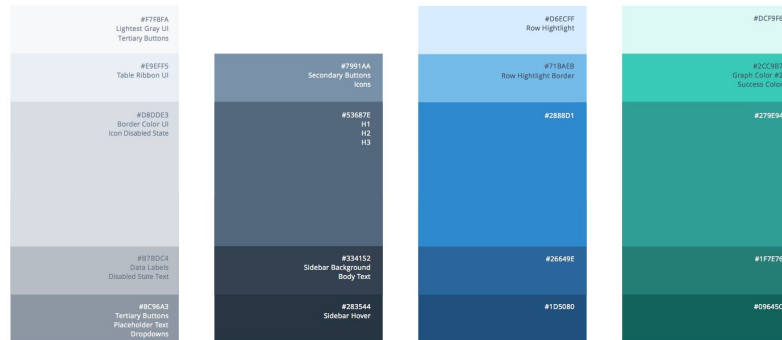
There were a few sponsor-mandated requirements that we diligently incorporated into the process and designs:

- User testing and research had to be performed with relevant stakeholders.
- No real data to be used in the prototype if using web services or posting information online.
- Prototype should be done in high fidelity using PitchBook's style guide.
- At least three rounds of testing and prototype iterations.

Core Colors

Color Guidelines

If a gradient is necessary, use 10%, 20%, 40%, 60%, 80% variation.



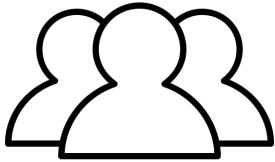
Secondary Colors



About | Approach

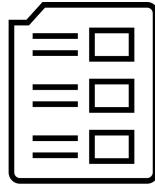
The strategy for achieving our goal is directed at reducing complexity in the advanced search, providing more insight in the basic search, and creating visualizations for industry analytics. A balance between retaining current functionalities and capturing the complexity of this industry was to be achieved for this project to be successful. Both advanced and novice users must be able to attain value from the new designs and the ease of interaction between pages had to be a priority.

We focused on translating text-heavy information into visual components to promote visibility and discovery. In order to solve these problems, we used the following approach:



Background Research

Understand the user & platform at a granular level



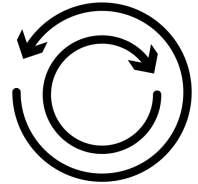
Wireframes

Redesign & optimize design of current basic & advanced search pages using Axure



Tableau Dashboards

Design & incorporate interactive visualizations in a dashboard



Testing

Iterative & user centered design process to improve design & content

Research | Background

The first portion of our background research consisted of three parts: an in-depth analysis of PitchBook's already existing personas, research of the Venture Capital domain, and analysis of the existing Advanced Search pages and site map structure. After this, our background research continued with a competitive analysis and informational interviews.

Persona Analysis

- Analysis of 17 existing personas used at PitchBook
- Examination of characteristics important to Advanced Search and discovery
- Examination of common PitchBook pain points, and pain points specific to the VC process

Domain Research

- Answered "What is Venture Capital?"
- Defined the venture capital (VC) process
- Created dictionary of VC terms relevant to our project
- Determined most common search tasks for VC analysts

Analysis of Existing Structures

- Examined site map and taxonomy to determine what information is presented to users
- Examined Advanced Search user interface to determine how that information is presented to users

Research | Competitive Analysis

PitchBook's main competitors are CrunchBase, Mattermark, and CB Insights. These companies provide similar information to user groups that overlap with PitchBook's primary target users. PitchBook's strengths are its breadth of information and data visualizations on the company overview pages that allow users to learn about the company quickly. However, it lacks an easy-to-use advanced search.

CrunchBase has a discovery feature, which includes companies, people, investors, funding rounds, acquisitions, schools, and events. Users can filter the results of the "Discovery" tabs based on several metrics and attributes. These categories can be filtered further.

CB Insights allows the user to find information on specific companies or discover companies that were previously unknown to them. They are presented with a results list that includes the company and similar companies with bios, as well as a box showing some analysis and visualizations on whichever company is selected.

Mattermark has a simple presentation of filter options in the advanced search which makes the advanced search appear easier to navigate. Their advanced search options can provide the user with a list that fits the parameters they are interested in, but this still makes discoverability challenging.



MERGERMARKET

crunchbase

Tracxn

CB INSIGHTS

mattermark

Research | Informational Interviews

We were given the opportunity to interview eight employees from PitchBook that had experience with Venture Capitalist clients and their needs. We focused on finding a diverse group of individuals in different roles within the organization's operations so that we could have exposure to varying points of view.

We interviewed four account managers, two customer service representatives, and two operational managers. We asked them eight questions along with follow up questions to gather data on their view of a VC analyst and decision makers and their process in finding new companies to invest in.

Each interview lasted 30 to 45 minutes. They were recorded and partially transcribed in order to allow for analysis which enabled us to compile the concepts and ideas to create an affinity diagram which led to narrowing the focus of our designs.

Questions

Can you tell us a bit about your role at Pitchbook?

1. How do VC firms determine the industries they invest in?
2. Do you know where or how VC analysts find new companies in general? (news, word of mouth, etc.)
3. Are clients interested in companies that are outside of their industry focus?
4. How do clients compare a company to the overall industry? What does this process look like?
 - a. Do they compare to the top companies in the industry?
 - b. Do they compare to specific industry metrics?
 - c. Do they compare to industry trends?
5. What are the top 5 factors that would lead a business analyst to present the company to decision makers?
 - a. (What are VC metrics clients are using when deciding upon a group of companies?)
6. Which metrics and attributes on a company profile do your clients use to estimate the success or failure of their investments?
7. What do clients do with this data when they export from PB?
 - a. Are they comparing it to other sources? Or they using it as a primary source?
8. When researching new companies, what kinds of information do clients need that is not readily available on PitchBook?

The screenshot displays the PitchBook web application. At the top, there's a navigation bar with links for 'Admin', 'My Account', 'Request Research', 'Submit A Deal', 'Contact Us', and 'Logout'. Below this is a search bar and a 'Log Out' button. The main content area is divided into several sections:

- COMPANIES**: A dropdown menu with options like 'COMPANIES & DEALS', 'INVESTORS & ADVISORS', 'FINANCIALS & M&A', 'LIMITED PARTNERS', 'ACQUISITIONS', 'PEOPLE', 'PUBLIC FINANCIALS', 'DEALS', 'APPS', 'EXITS', 'PLACER', 'LIBRARY', and 'MORE'.
- QUICK COUNTS**: A table showing various metrics such as 'Companies', 'Investments', 'Angel & Seed', 'VC Deals', 'PE Deals', 'Strategic M&A', 'IPOs & PPEs', 'Acquisitions', 'Exits', 'Strategic Financial', 'IPOs', 'Strategic Acquisitions', and 'Limited Partners'.
- RECENT US FINTECH VC DEALS LAST 6 MO**: A table listing recent deals with columns for 'Company Name', 'Type', and 'Date'.
- MOBILE APP**: A section promoting the PitchBook Mobile app with a 'Get the app' button and a 'Learn More' link.
- US S&B VC NEWS**: A section with news articles, including 'International Business Machines - K2 Technologies, Inc.' and 'Google - 2.8M'.
- MOST ACTIVE US FINTECH VC FIRM LAST 12 MO**: A table listing active firms with columns for 'Investor', 'Type', and '# of Deals'.
- SAVED SEARCHES & LISTS**: A section showing saved searches and lists, including 'Buy Area VCs', 'CAN VCs', 'Followed Investors', 'WVC Companies', and 'SoCal VCs'.
- NEW FEATURES**: A section highlighting new features like 'Excel Plug-in Update' and 'New you can pull investor and deal information into your spreadsheets and leverage new templates'.

Research | Testing and Iteration

We performed three rounds of usability testing throughout our design process with different iterations of our page designs. We interviewed and tested a total of fourteen participants across the different testing rounds.

1st Round

Navigational components on low fidelity wireframes. We wanted to make sure that interactions between pages were intuitive, specifically moving from the basic search to advanced search pages.

2nd Round

Content validation on a low fidelity, interactive prototype. We targeted financial and VC analysts with experience working with financial data.

3rd Round

Information validation on a high fidelity, interactive prototype. Protocol included questions on the value of information portrayed and real-life scenarios. We aimed at putting our platform in a believable scenario to assess utility and value.

Date	Time	Location	Proctors
4/2/17	2:00 PM	RC Red A Room	Christina & Priya
4/2/17	2:30 PM	RC Red A Room	Julie & Christina
4/2/17	3:30 PM	RC Red A Room	Sam & Priya
4/2/17	6:00 PM	House	Julie & Priya
4/2/17	6:30 PM	House	Julie & Priya
4/3/17	7:00 PM		Julie, Sam, Christina
4/3/17	5:45 PM	RC Booth A (5:30-7)	Julie, Sam, Christina
4/3/17	6:30 PM	RC Booth A (5:30-7)	Julie, Sam, Christina



Basic Search | Findings

In testing the Basic Search page, we found that users thought our method for uncovering information was useful in the paper prototype, but users wanted to be able to see more financial data in the summary box. We also found that users did not want to see all of the information that was provided in this section. Specifically, they did not think that information on team members and similar companies was necessary. Instead, they expected to see similar companies as search results and would likely go to the profile page of the company to view team and more granular information. In addition, users expressed their interest in deal information for companies, and work history for people.

For our final iteration, we settled on the summary box having two tabs for all search results (company searches and people searches). Both display summary information about the person or company for the first tab, including contact information. The second tab includes deal information for company search results and role information for people search results.

Uber (2009)

CEO: Travis Kalanik
Headquarters: San Francisco
Website: uber.com
Employees: XXXXXXXX
Revenues: XX million
Industry: Social/Platform Software
Description: Provider of an on-demand ride-sharing platform designed to match customers with local drivers through their smartphone. The company's more..


Status	Team:
Business: alpha	Person A
Financing: gamma	Person B
Ownership: beta	Person C
	Person D...

Current Investors:	Deal:	Similar:
Investor A	Deal A	Lyft
Investor B	Deal B	Carma
Investor C	Deal C	Didi Chuxing
	Deal D	G-Ride
		Grab

Size Multiple

Social

Growth



Summary

Deals

ShareRide

CEO: John Smith
Website: shareride.com
Headquarters: New York
Employees: 4,500
Business Status: Generating Revenue/Not Profitable
Primary Industry: Social/Platform Software
General Information: Provider of a ride-sharing service designed to connect customers with nearby drivers through an online platform. The company's ride-sharing platform is accessible through mobile application that connects local drivers with passengers.
Phone: +1 (555) 555-5555


Primary Office:
120 Blue Street
Suite 1000
New York, NY 11111
United States

Size Multiple

552
100th %ile

Growth Rate

0.69%
90th %ile



Basic Search | High Fidelity Wireframes

Summary Box: The Basic Search summary box was added to allow users to find information more quickly and discover information about other companies and people related to their search. This information is easily scannable without the need to open a profile page. Users will see the summary of the first search result but can hover their mouse over other results to read a summary of those companies or people, and can easily go to the deal or role information if they want to learn more. This allows for ease of uncovering information which allows for more discovery of new companies for users.

Filtering by:

Industry 3 X

Vertical 1 X

Filters: Within the Basic Search prototype, users are now able to filter search results, using multiple filters by clicking on filter options on the left. This allows for greater control over the results being viewed, but is much faster than using the Advanced Search for users that are looking to get information on specific searches quickly.

Primary Office:
888 Seneca Blvd
Suite 2
Seattle, WA 98111
United States

Growth Rate

2.11%
96th %ile

Size Multiple

5.10K
100th %ile

News related to "GoRide"

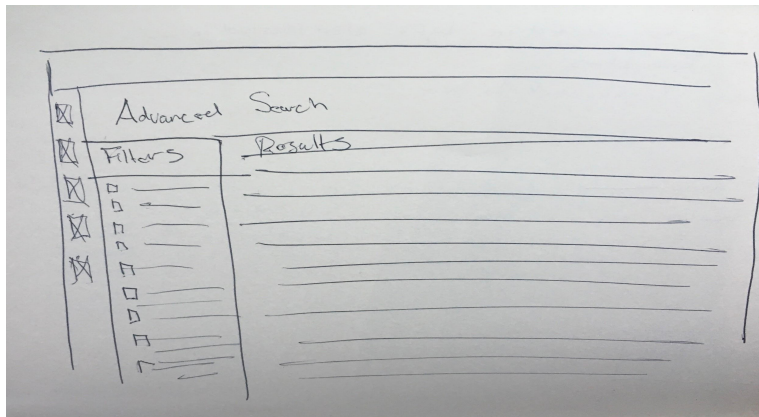
Catchy News Title 1

(Date) (Location) (Source)

Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Sed elementum convallis

Related News: In addition to seeing summaries about the companies or people in which the users are interested, users can also view recent news about the top search result. Similar to the summary box, when users hover over each search result, the related news changes to recent news about that company or person.

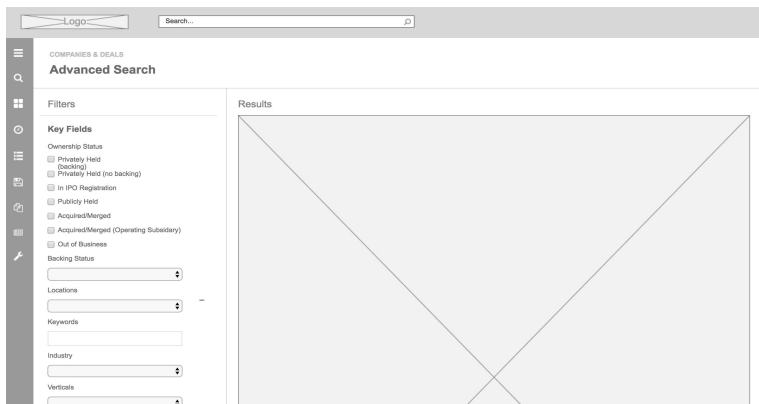
Advanced Search | Low Fidelity Wireframes



Based on the informational interviews and testing, our research suggested that advanced search criteria could be integrated into the results page. Users expressed a desire to see results update dynamically as they entered search criteria. This would make it easier to modify searches (by not backtracking to advance search) and it would reduce the number of clicks needed to adjust the search.

The first sketches and iterations of the prototype introduced this concept by altering the functionality of the advance search to allow both of these entities (advance search and results) to exist on the same page.

We grouped some of the criteria within existing and new categories. The key fields section was left visible to allow users the ability to quickly add common filters and criteria used by VC analysts. These fields were chosen based on the informational interviews and the domain research. Other categories were collapsed to not over saturate content in the advanced search sidebar.







Advanced Search | Findings

Based on the first and second rounds of user testing, we determined that the prototype needed more functionality in terms of entering and adjusting search criteria.

As advanced search criteria were integrated into the wireframes, it became clear that there were too many search filters to fit in such a small window of the screen. Thus, the search criteria categories were simplified by removing criteria that were deemed unnecessary or seldomly used according to user interviews. As criteria were grouped and moved, this led to the development of the Quick Filters feature that was integrated later in project timeline.

Due to Axure's limited capabilities, it was difficult to create a prototype that mimicked an advanced search similar to PitchBook's. However, we created a dummy data set that allowed users to enter certain search criteria and see the filtered results.

1	Illustrious Four Marketing	Boulder, CO	Consumer Products and Services	40
2	ShareRide	San Francisco, CA	Information Technology	10,000
3	Computer Co	San Francisco, CA	Information Technology	120,000
<div><div><div>Computer Co San Francisco, CA INDUSTRY (*PRIMARY) Information Technology VERTICALS Manufacturing Growth Rate ③ 2.11% 96th Ntle</div><div>Size Multiple ③ 5.10K 100th Ntle</div></div><div>DESCRIPTION Manufacturer and designer of personal-computing devices intended to provide customers with mobile communication. The company's personal-computing and portable digital products are designed to provide innovative consumer electronics devices, along with a variety of related software, services, peripherals, and networking tools.</div><div>INVESTORS ABC Global Management, Evergreen Capital, ZYX, ABC Management, Burr Capital Management, ABC Holding, Schuyler Partners</div></div>				
4	A-Ride	Chicago, IL	Information Technology	1,200
5	Medical Co	San Francisco, CA	Healthcare	60
6	RideShare	San Francisco, CA	Information Technology	5,000
7	CarRent	Boston, MA	Information Technology	3,500



Quick Filters

Locations

Ownership Status

Backing Status

Industry

Verticals

Advanced Search | High Fidelity Prototype

Criteria Sidebar: We combined the two main entities so advanced search criteria and results were both visible. As soon as the user adds criteria and filters to the search, the results update dynamically. After testing this functionality with users, we found that they were able to navigate the advanced search bar effectively to filter search results.

Company Overview Dropdown: This feature allows the user to click the arrow next to each search result to view company description, investors, growth metrics, and contact information. These items shown in this window were metrics determined important based on interviews with Pitchbook product managers. Over the course of testing, we altered the types of metrics seen in this window based on user recommendations with venture capital and financial backgrounds.

Quick Filters: As criteria were grouped and moved, this led to the development of the Quick Filters feature that was integrated later in project timeline. These quick filters were derived from our research into VC analysts and the search criteria used most frequently.

The image shows a screenshot of the PitchBook Advanced Search interface. On the left is a sidebar with navigation icons. The main area has a search bar and tabs for Companies, Deals, Investors, Funds, and More. Below the tabs are filters for Companies (x), Active Filters (x), Charts, Analytics, and Public Financials. A table lists search results with columns for #, Company Name, HQ Location, Primary Industry Code, Employees, Primary Contact, and Position. The first result is Illustrious Four Marketing, which is expanded to show details like Description, Investors, and a table of Deals.

#	COMPANY NAME	HQ LOCATION	PRIMARY INDUSTRY CODE	EMPLOYEES	PRIMARY CONTACT	POSITION
1	Illustrious Four Marketing	Boulder, CO	Consumer Products and Services	40	Josh Matcham	CEO
Financial						
Deals						
Investors						
Service Providers						
Other						

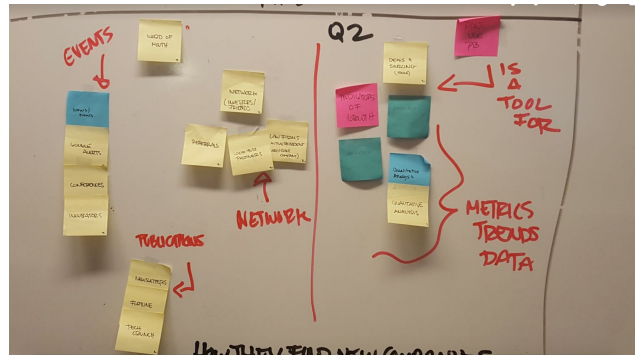
#	COMPANY NAME	HQ LOCATION	PRIMARY INDUSTRY CODE	EMPLOYEES	PRIMARY CONTACT	POSITION
2	Uber	San Francisco, CA	Information Technology	11,000	Travis Kalanick	CEO
3	Apple	Cupertino, CA	Information Technology	116,000	Tim Cook	CEO
4	G-Ride	Chicago, IL	Information Technology	1,200	Adam Halderson	CFO
5	A&E Medical	San Francisco, CA	Healthcare	60	Michael Wojciechowitz	President
6	Lyft	San Francisco, CA	Information Technology	4,105	Logan Green	CEO
7	Zipcar	Boston, MA	Information Technology	3,500	Kaye Cella	President
8	Unity	San Francisco, CA	Information Technology	5,000	Mike Foley	CFO
9	Bay Dynamics	San Francisco, CA	Information Technology	81	Feris Rifai	CEO

DEALS						
#	Type	Year	Status	Amount		
16	Corporate	2017	Completed			
15	Later St.	2016	Completed	\$20.05M		
14	Corporate	2016	Completed	\$1.50B		
13	Debt	2016	Completed	\$1.00B		
12	Series G	2016	Completed	\$5.50B		

Explore | Dynamic Industry Analysis

PitchBook wanted a new feature that would allow analysts to look at financial and deal information more dynamically. After a couple of meetings and more understanding about the user needs, we decided to use our visualization and data analysis skills to design a new page where analysts would be allowed to visually “play” with the data and uncover information that might not be immediately apparent by looking at it in tabular form.

After our initial user research and affinity diagramming, we had a clear understanding of the most relevant data that VC analysts use during their research. We downloaded the Companies and Deals metadata from the PitchBook platform and populated a spreadsheet with dummy data so that we had the freedom to post the visualizations to public servers in order to embed the dashboards into the interactive prototype.



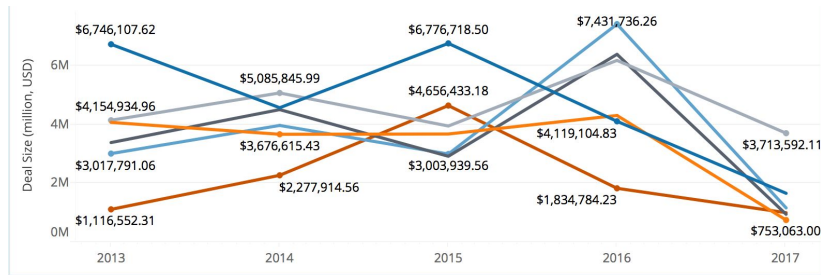
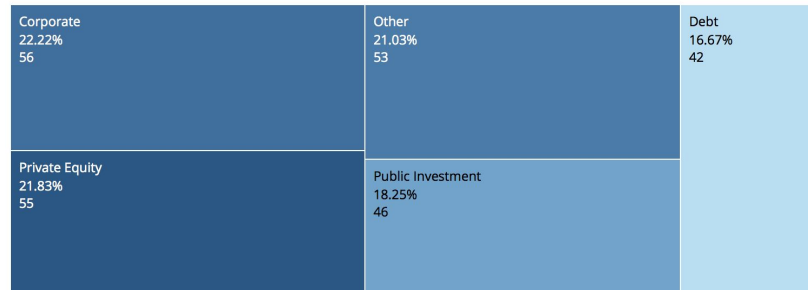
Deal ID	Debt Type 3	Implied EV/EBITDA	Industry Vertical
Company ID	Deal Size (million, USD)	Implied EV/EBIT	All Industries
Company Name	Deal Size Status	Deal Size/Revenue	Business Status
Company Website	Company Pre-money Valuation (million, USD)	Valuation/Revenue	Financing Status
Description	Company Post Valuation (million, USD)	Implied EV/Revenue	Employees
Deal No.	Company Post Valuation Status	Deal Size/Cash Flow	Company City
Deal Date	Implied EV (million, USD)	Valuation/Cash Flow	Company State/Province
Deal Type	Revenue (million, USD)	Implied EV/Cash Flow	Company Post Code
Deal Type 2	Revenue Status	Implied EV/Net Income	Company Country
Deal Type 3	Revenue Growth since last deal	Deal Status	PitchBook Link
Deal Class	Gross Profit (million, USD)	Investors	Growth Rate
VC Round	Gross Profit Status	Investors Websites	Size Multiple
Price per Share	Net Income (million, USD)	Lenders	Facebook Likes
% Acquired	Net Income Status	Sellers	Twitter Followers
Deal Synopsis	EBITDA (million, USD)	Exiters with no Proceeds	
Debt Type	Net Income Status	Dividend/Distribution Beneficiaries	
Debt Type 2	Debt Raised in Round/Equity	Service Providers	
Debt Type 3	Debt Raised in Round/EBITDA	Primary Industry Sector	
Deal Size (million, USD)	Deal Size/EBITDA	Primary Industry Group	
Deal Size Status	Valuation/EBITDA	Primary Industry Code	

Explore | Data Visualization

Once we had populated an excel spreadsheet with dummy data, we connected it to Tableau and started building visualizations that could be useful and intuitive to an analyst performing variations of industry analysis.

We relied on visualizations that are common in financial analysis, mainly heatmaps for proportions, line graphs for trends and bar charts for comparison and magnitude representations.

During the initial steps of the design of this page, we created one dashboard encompassing a variety of different visualizations giving an overview of the whole market, allowing for quick filtering of data via interactions with the visualizations. The information represented was high level and allowed for analysts to see how their specific industry may compare to others.

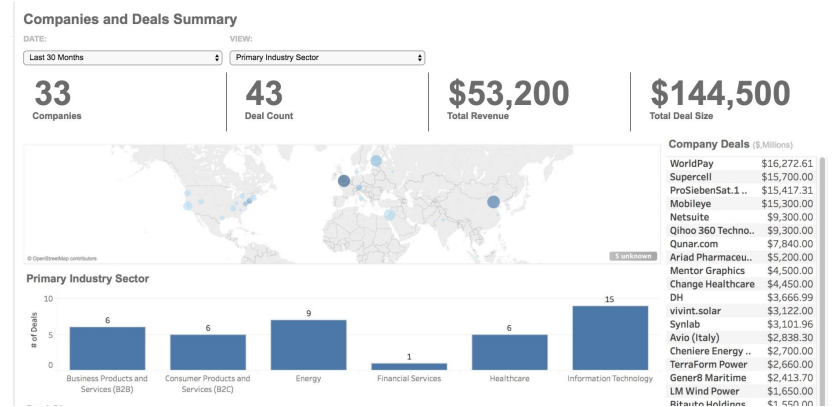
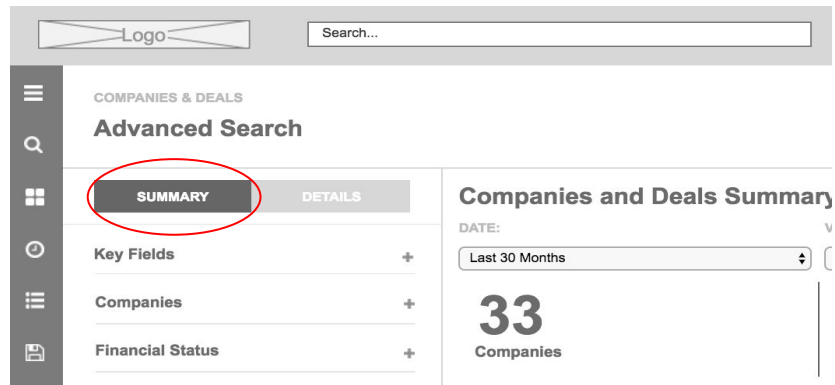


Explore | Wireframes

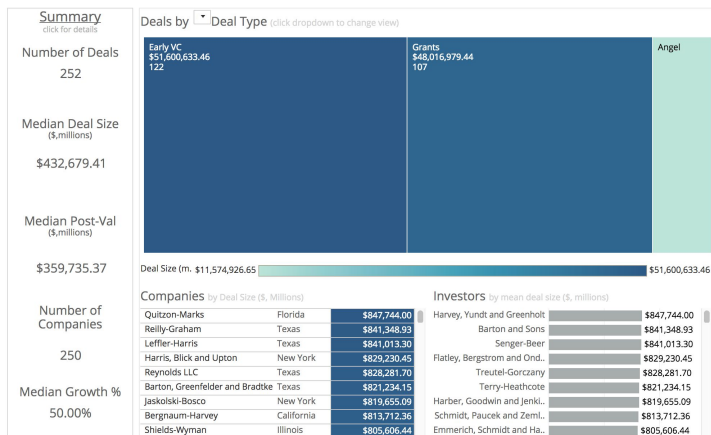
The wireframes for the explore page were initially built into the advanced search and the section was denoted as the summary tab. The user could apply filters and criteria to the search that would be applied to both the summary tab and details tab (results of the advanced search). This would create a dynamic page where users could search for desired information and switch from a tabular presentation to a data visualization dashboard with ease.

In the current Pitchbook platform, users can generate data visualizations from the searches they create. However these graphs are not interactive and portray just a handful of metrics.

The explore page allows users to filter the data through clicking on certain widgets in the graph, while also being able to apply criteria through the advance search.



Explore | Iterations



People responded positively to the interactivity of the designs and the ability to analyze financial information visually. We would have to decide if this page should work as a separate section of the website instead of incorporating it into the advanced search. When incorporating this page into the prototype, we embedded the dashboards into the Axure project which allowed users to interact with the information the same way they would in Tableau.

Another option would be to integrate the page as a charts option (and removing their current chart functionality all together) and allow for the criteria to change the presentation of data within the page. Because of time constraints and the timing of the project, we decided to place the explore and discover page in a location separate from advance search and give it, in a way, it's own identity.

SUMMARY

Advanced Search

Keywords:

Quick Filters:

Companies

Companies (x) Active Filters (x) Charts Analytics Public Financials

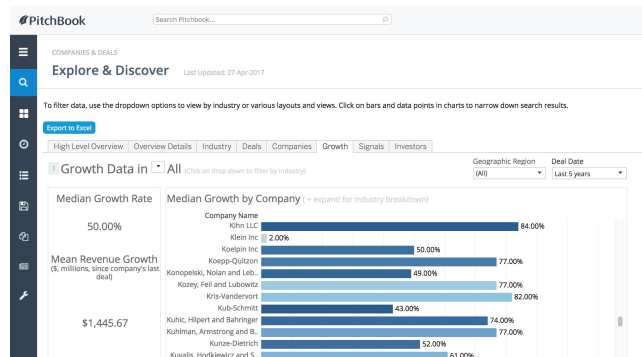
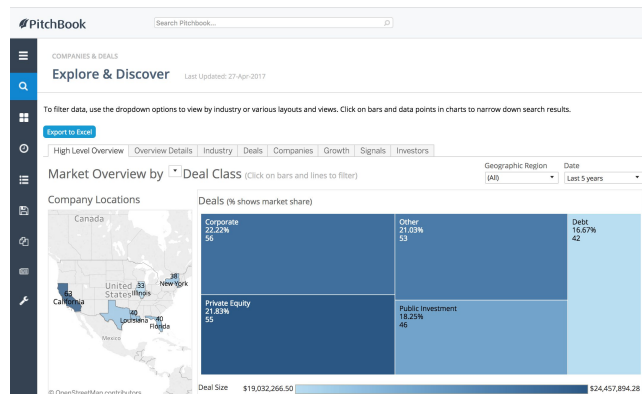
#	COMPANY NAME	HQ LOCATION	PRIMARY INDUSTRY CODE
---	--------------	-------------	-----------------------

Explore | Final Design

After further input from our usability testing and the sponsors, we decided to treat the explore page as a separate analytics tool capable of providing the presentation of both broad information and very granular data. This involved incorporating more financial metrics and the option for the analyst to either drill down on charts and graphs or see a high level summary of the data available, not only per industry but also at a market level.

The high fidelity design of this page allows the user to explore data interactively and to filter by different dimensions and parameters across different dashboards. Filtering capabilities by region and time range allow the VC analyst to see current industry metrics and statistics as well as trends over time and the performance of certain companies and industries in their respective fields of focus

All the dashboards presented provide a view of a specific company or deal concept that might be relevant for the user to perform analysis to determine the performance of an industry.



Conclusion | Proposition Value

With our prototype, users are able dive deep into the data points that interest them and their stakeholders. Each part of our project was tested for usability and content; they were improved upon based on this feedback. The prototype is optimized to provide the most relevant information in a consumable way that makes sense to the users through the surfacing and highlighting of information, and translating this data to interactive visualizations.

Basic Search includes high level information on a box next to the search results. This new feature allows users to view the company overview, deal history, and people information without clicking through multiple pages or searching through the company profile. We have also included this feature in the Advanced Search; the user can use the dropdowns to get granular information based on their search criteria. These criteria have been consolidated and frequently used fields are available through the Quick Filters which users can select for routine searches. This information can also be viewed through visualizations in the Explore page. Through user research, we have found the most pertinent data points which we have displayed through interactive visualizations making it easier for users to dig deep into the data they care about.

PitchBook's rich database is what makes it different from competitors. By enabling users to explore and utilize all of its proprietary resources, it stands out from the rest in both ease of use and discoverability of information.

Conclusion | Next Steps

Basic Search

- Invest in ontology tool (PoolParty, Protege) that makes search results robust, allows analysts to find relevant information quickly from one search term, and allows them to search using questions.
- Test filtering and allow analysts to filter information for a more targeted search.



Advanced Search

- Provide information about people and their relationships to investors, companies and deals.

Explore page

- Use tableau as a visualization tool embedded into the platform. Utilize Tableau server to keep the data private.
- Incorporate into advanced search and allow visualizations to be modified via the left criteria selections

