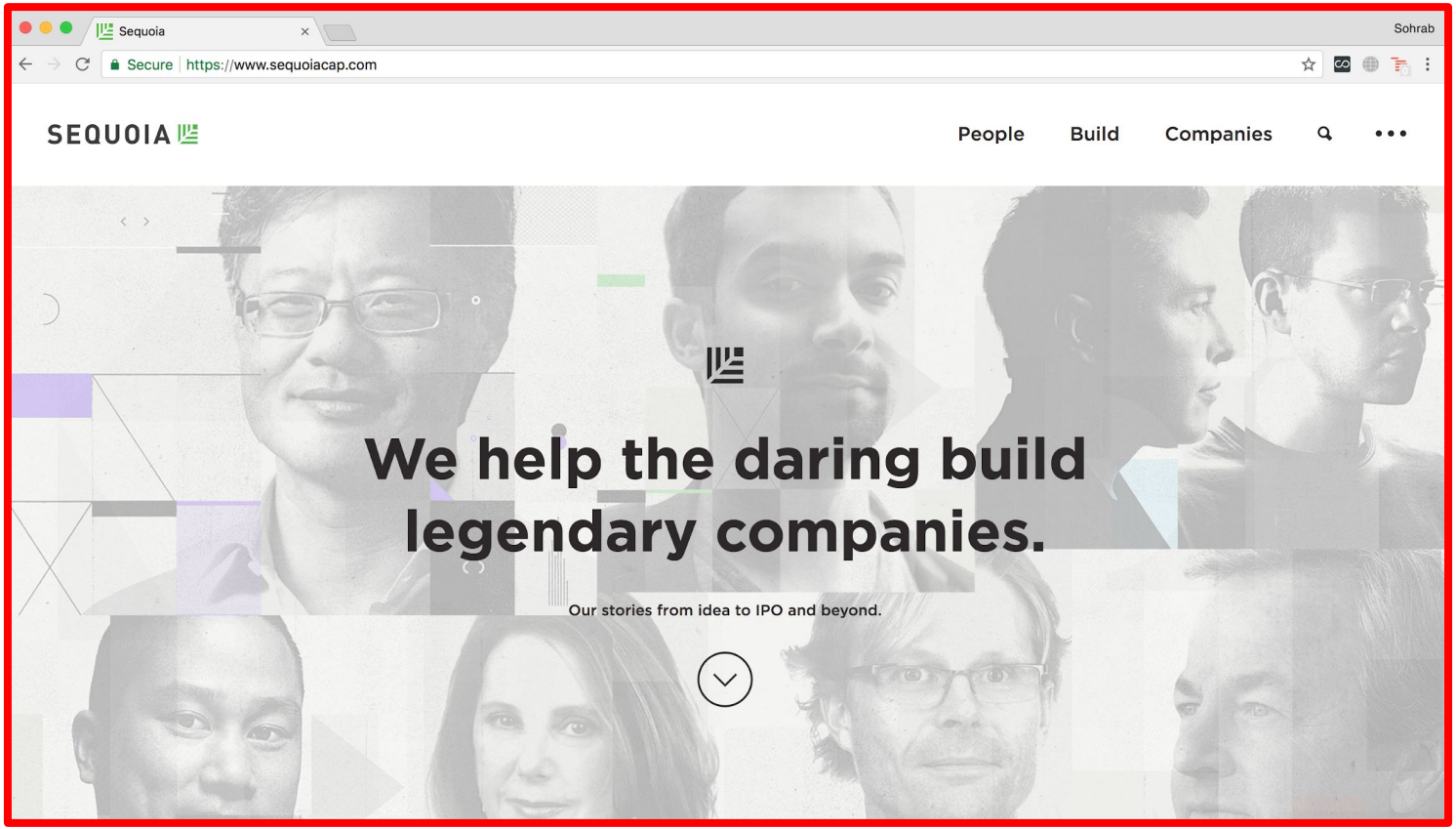
Exploring Venture Capital's Ecosystem

Sohrab Sani
https://github.com/srsani

Index Ventures

Incentive: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Sohrab
Secure | https://www.sequoiacap.com
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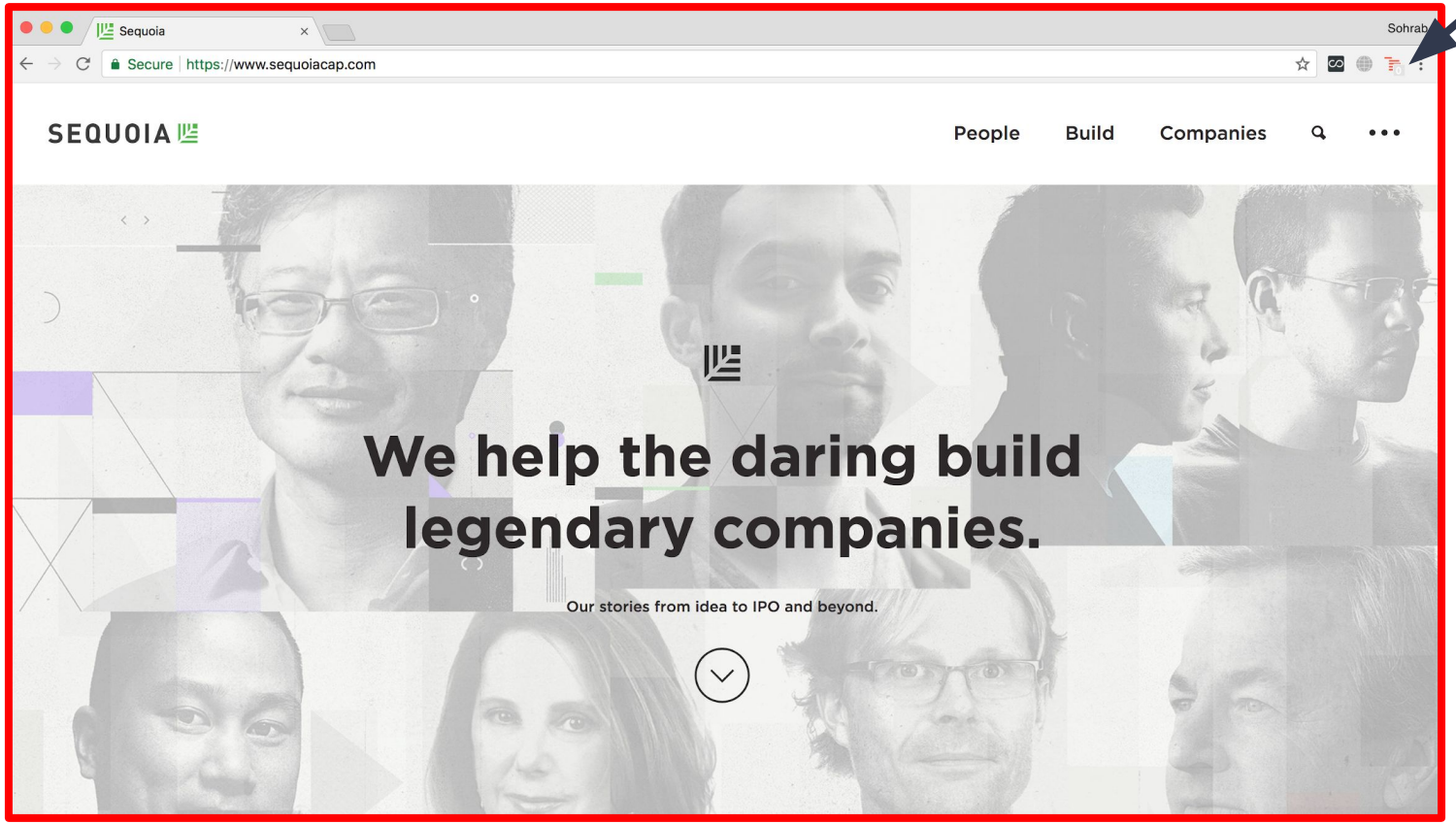
Build
Companies
We help the daring build legendary companies.
Our stories from idea to IPO and beyond.

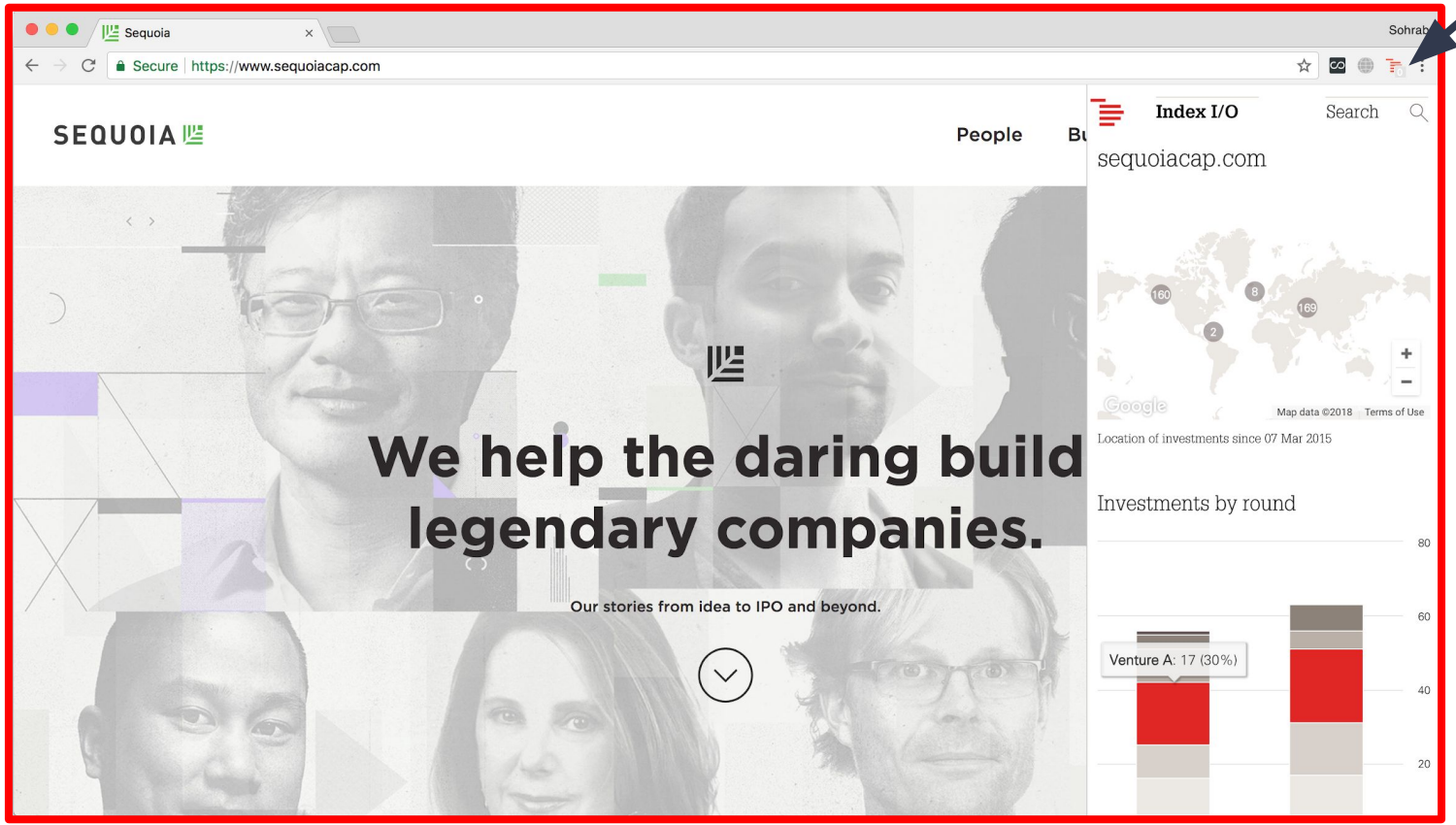
Incentive:

Web app



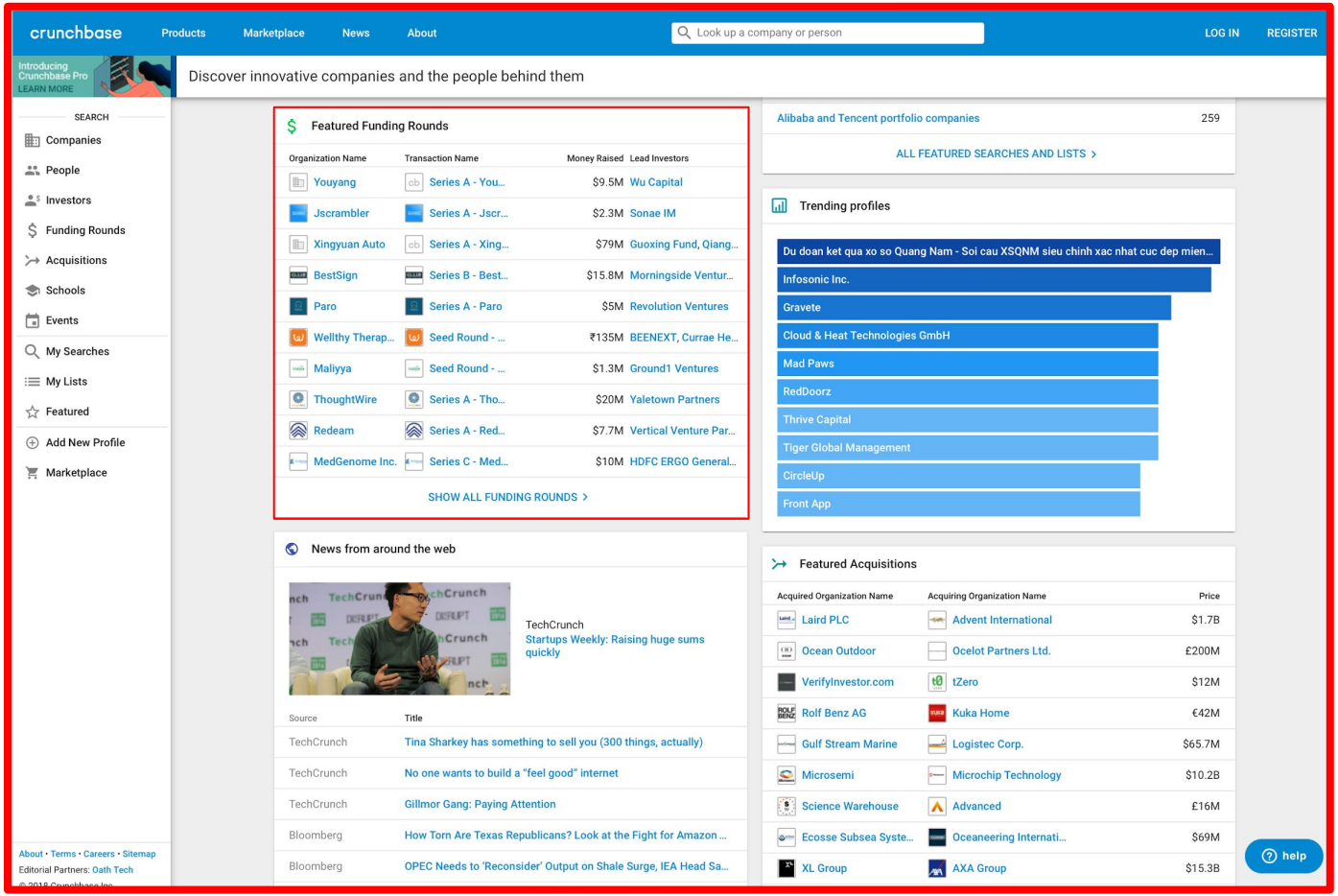
Incentive:

Web app



Data: Crunchbase API

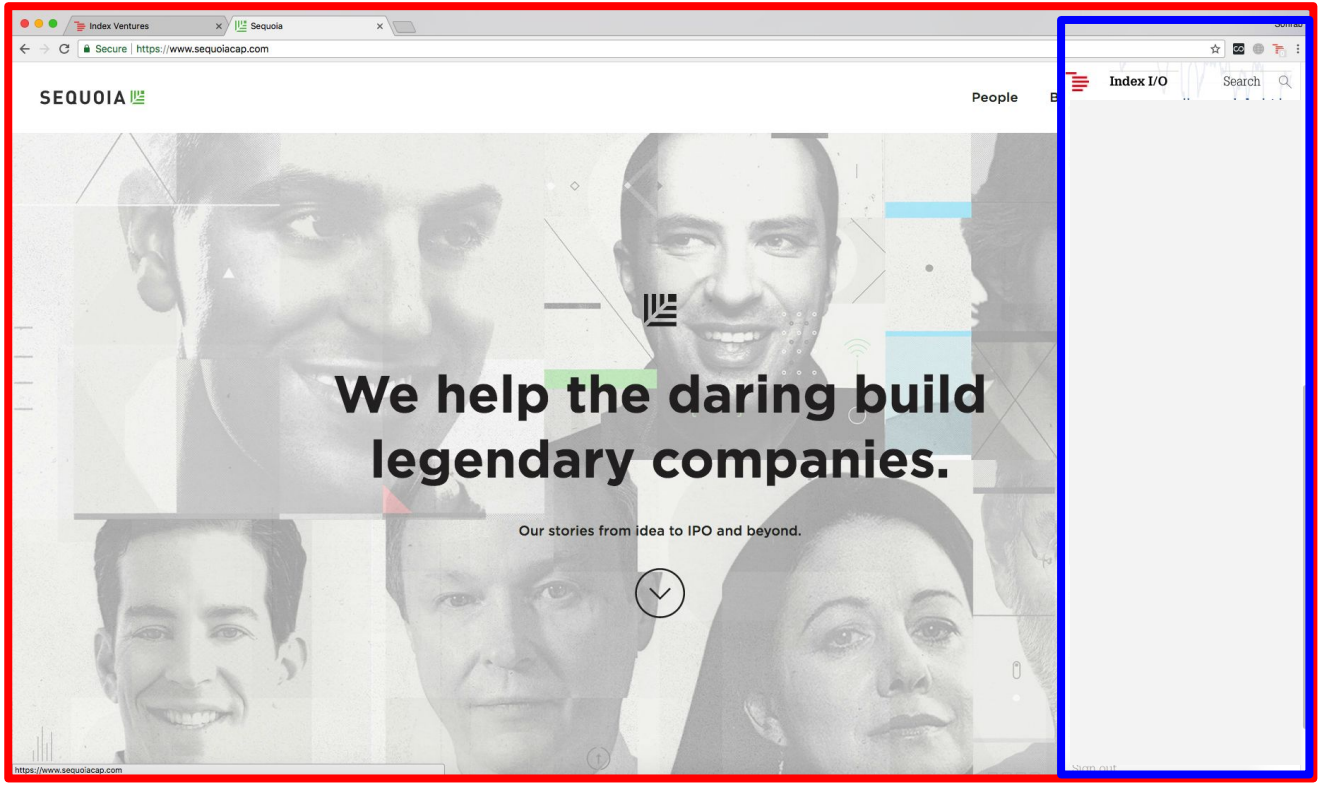
Investors: 44K
Startup: 0.5M



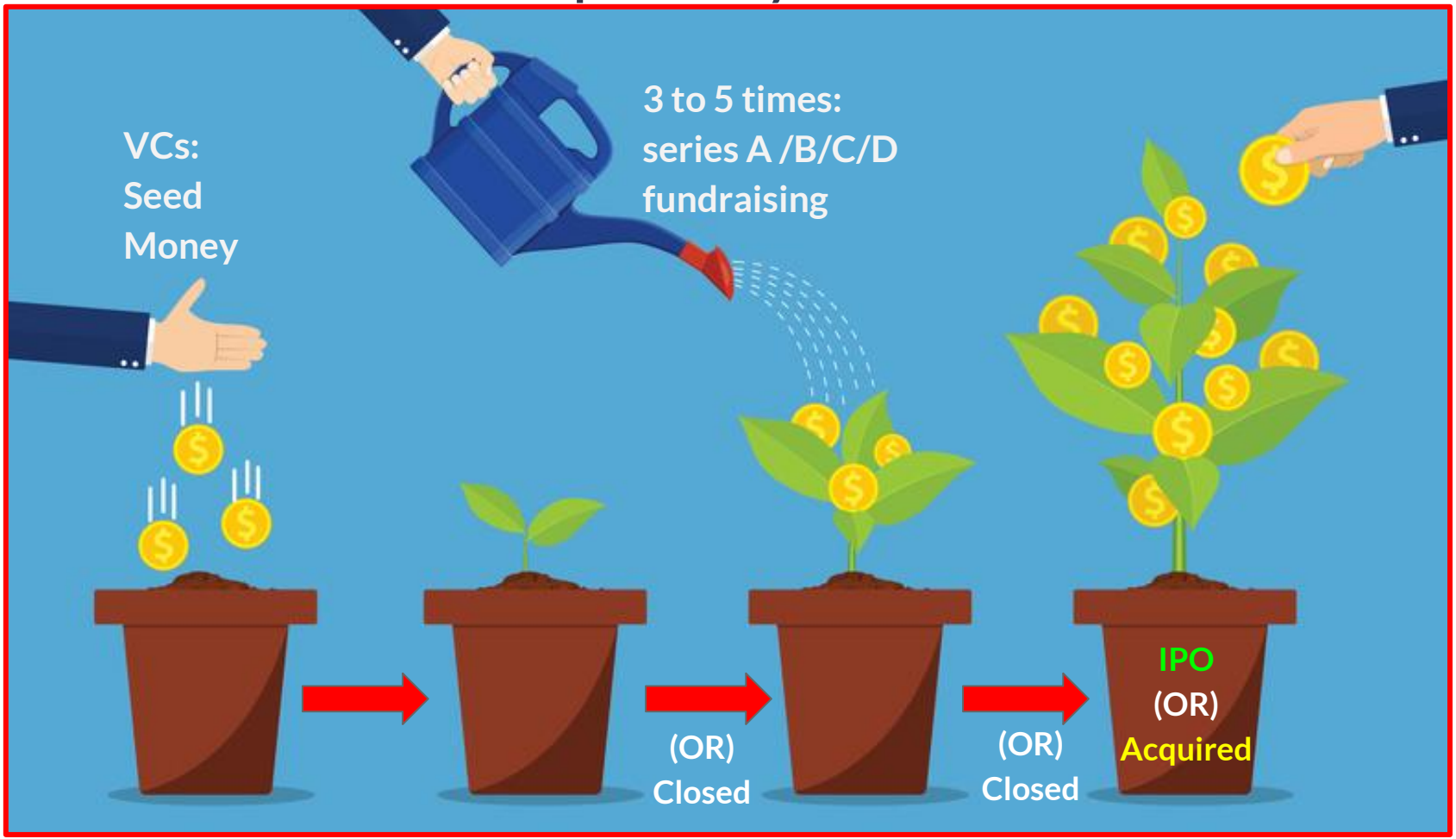
Outline:

1. **How to evaluate investor performance?**

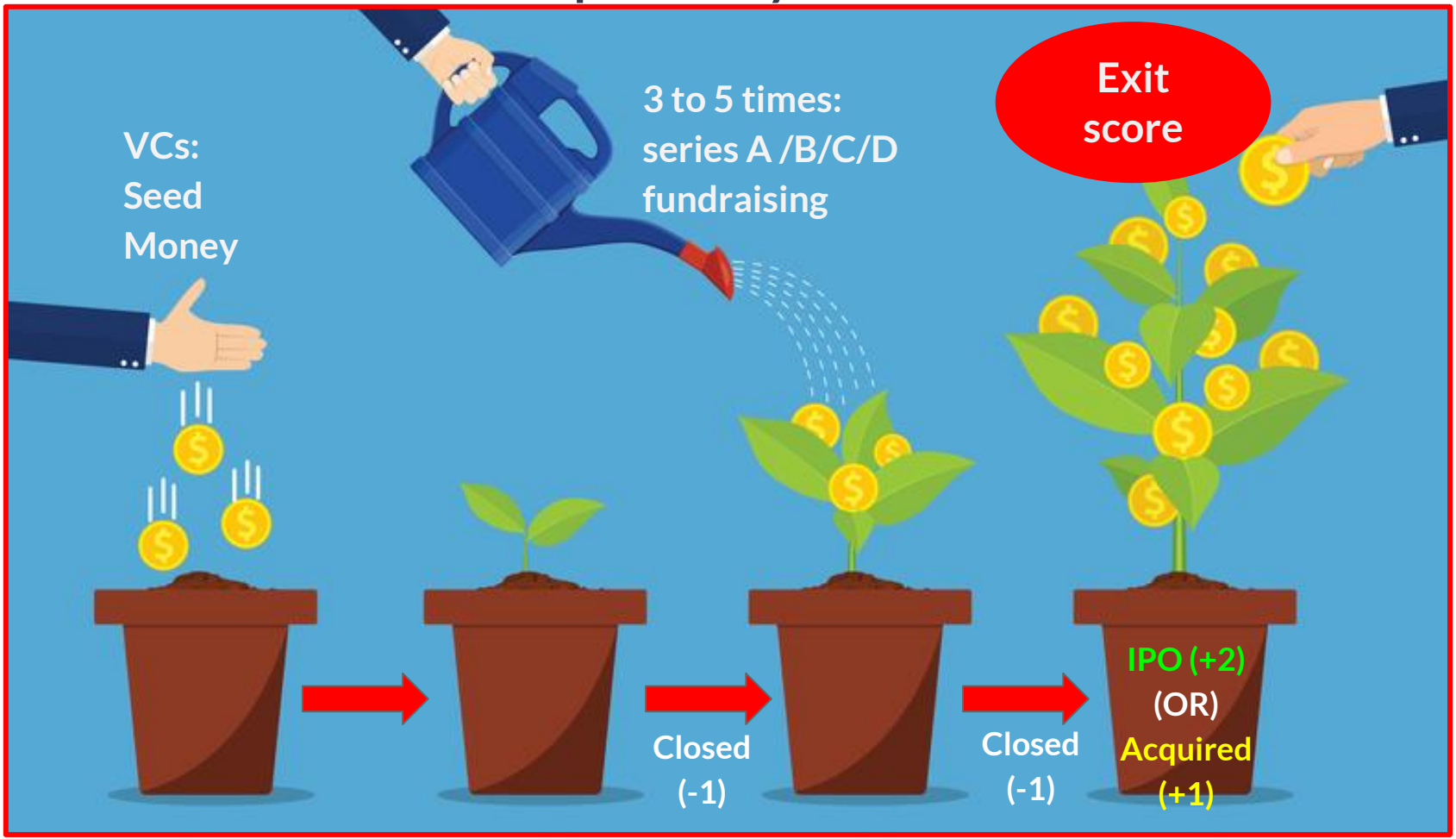
Incentive:



Startup Ecosystem

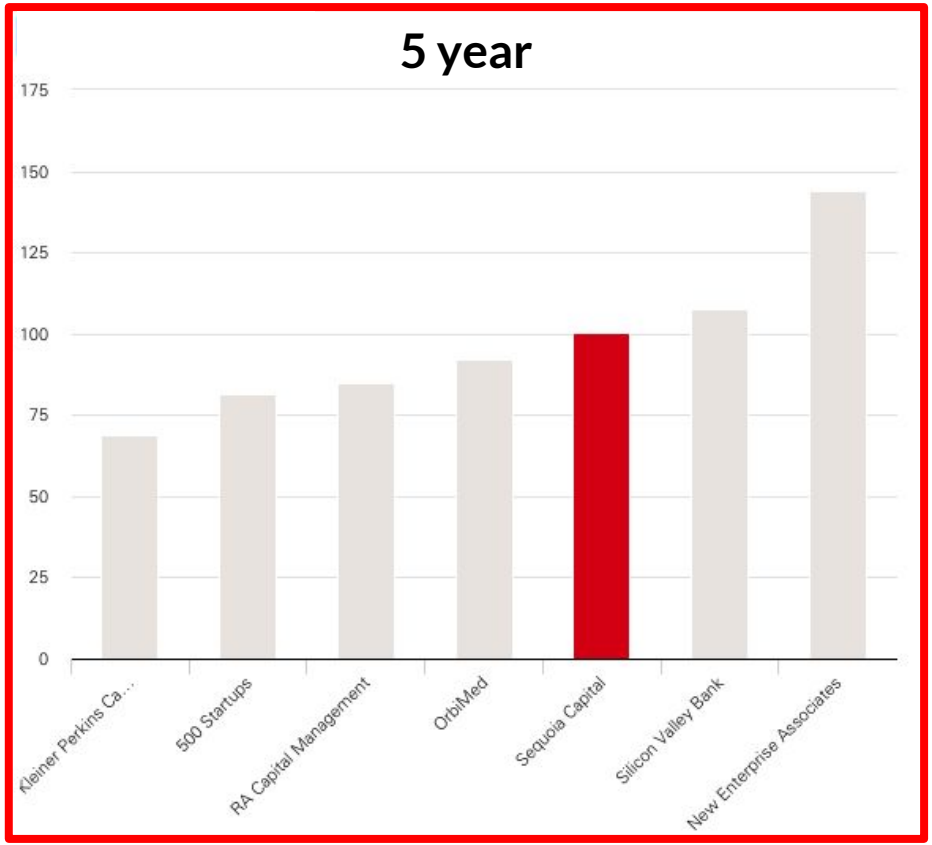


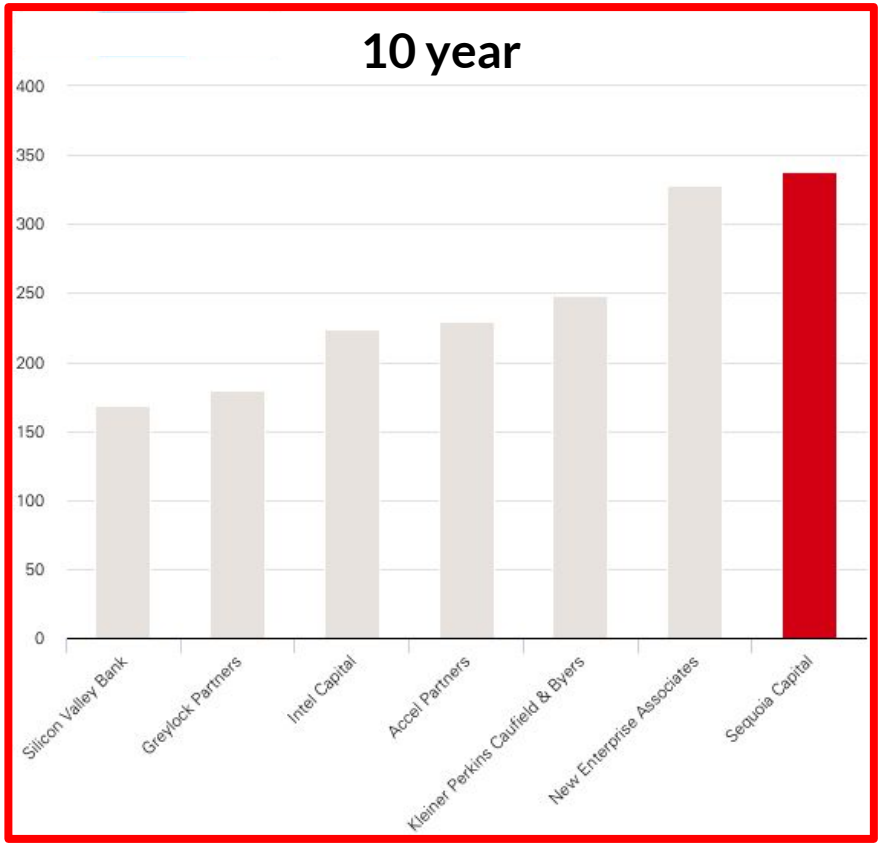
Startup Ecosystem



Sequoia Capital's Exit Score:

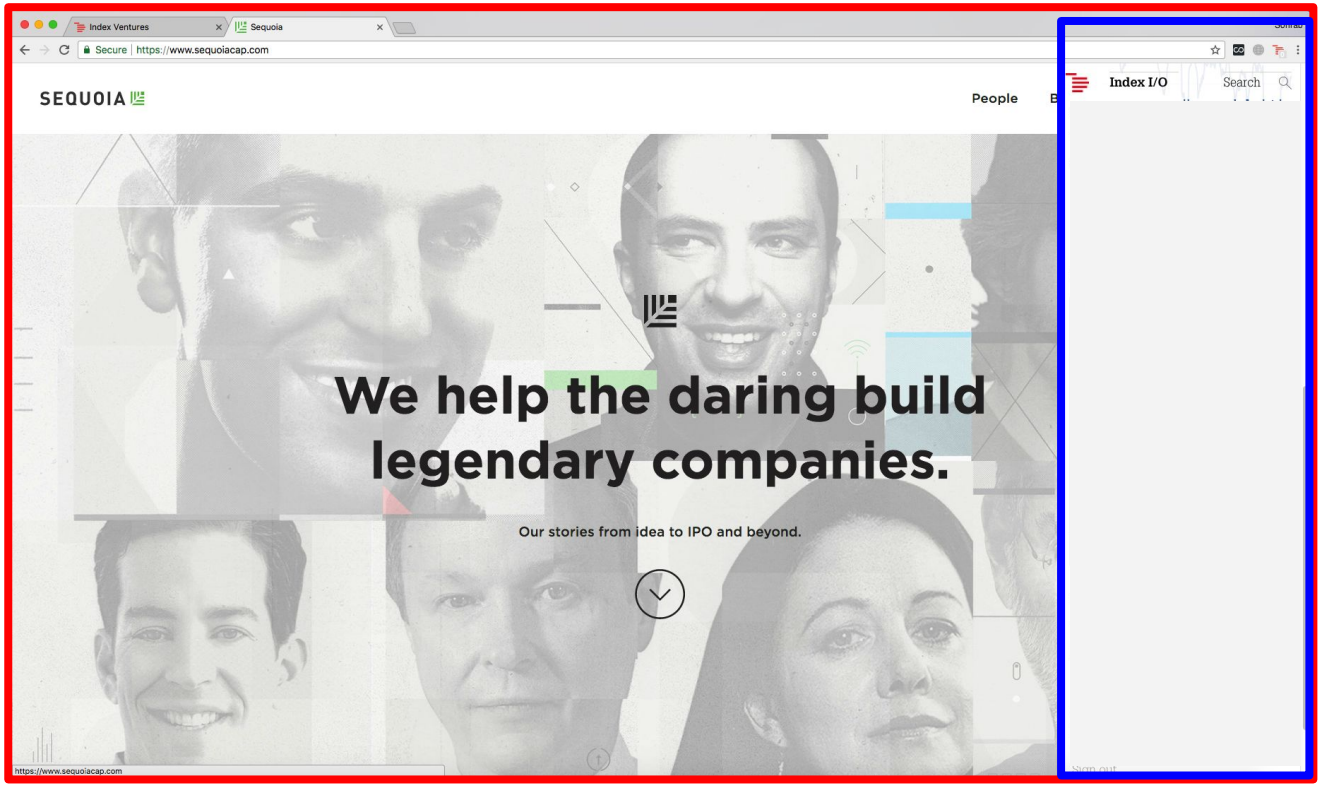
Write off=-1, Acquired=+1, IPO=+2



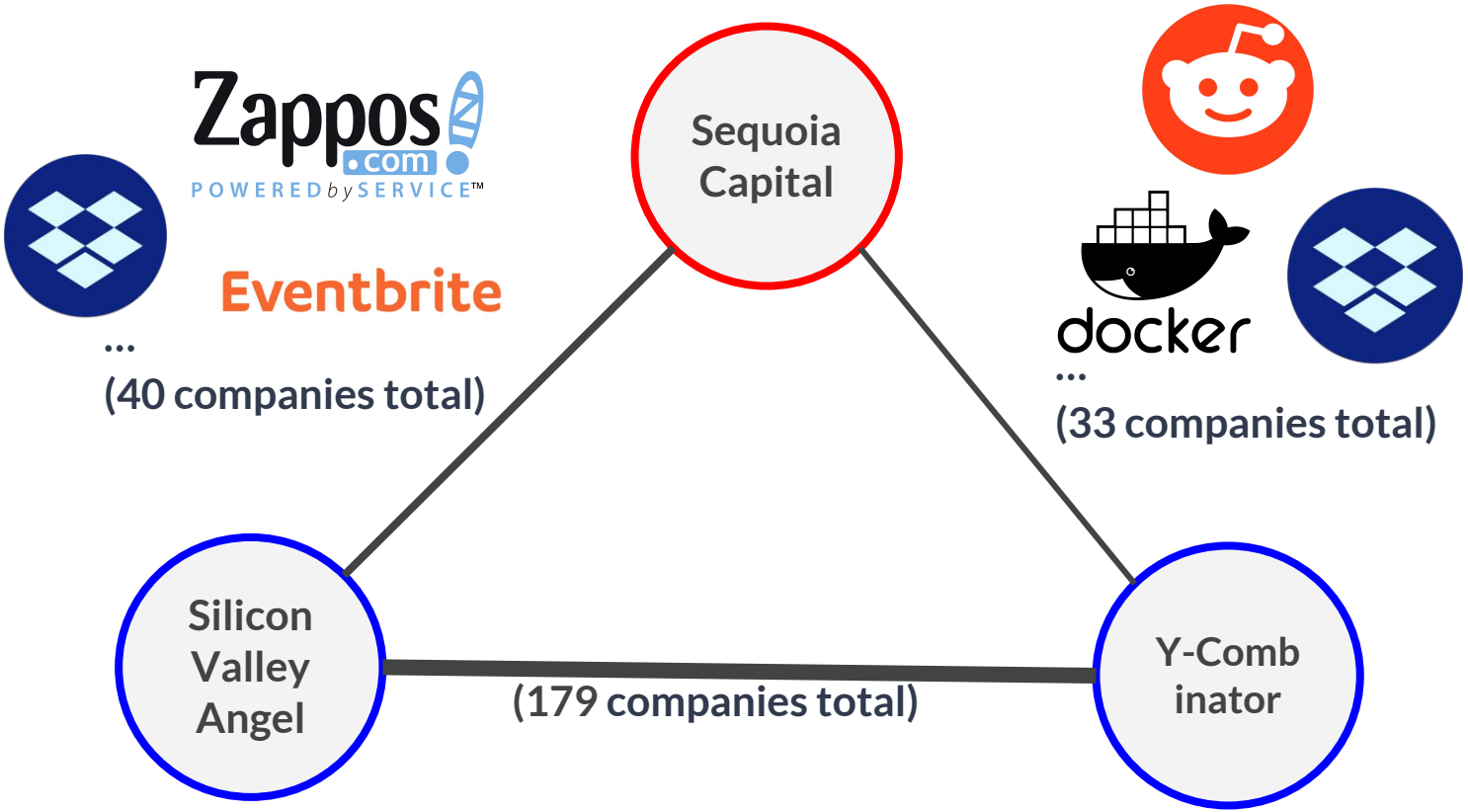


Outline:

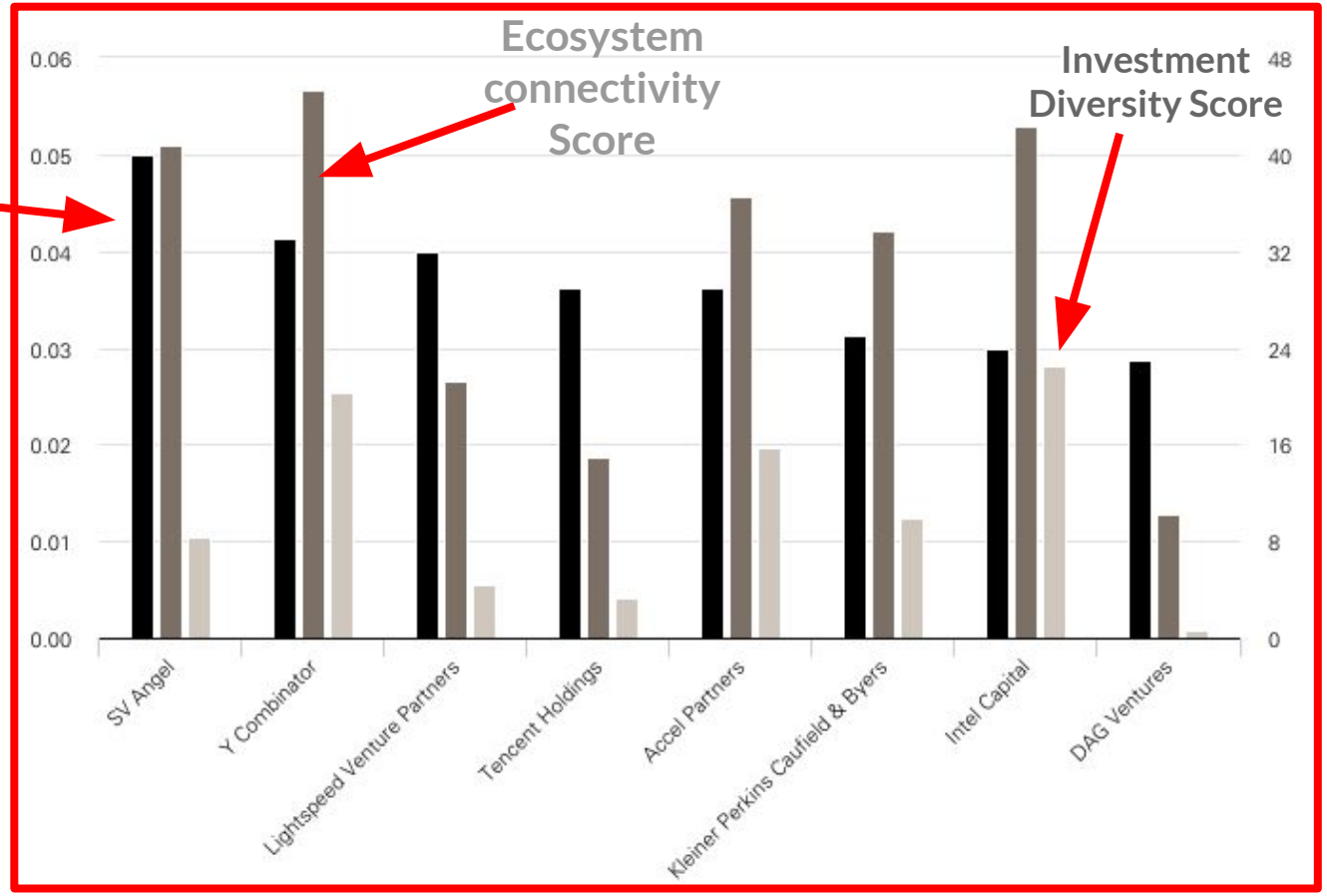
1. How to evaluate investor performance?
2. Which investors have similar portfolios?



Investors Network:



Sequoia Capital's Network Analysis:



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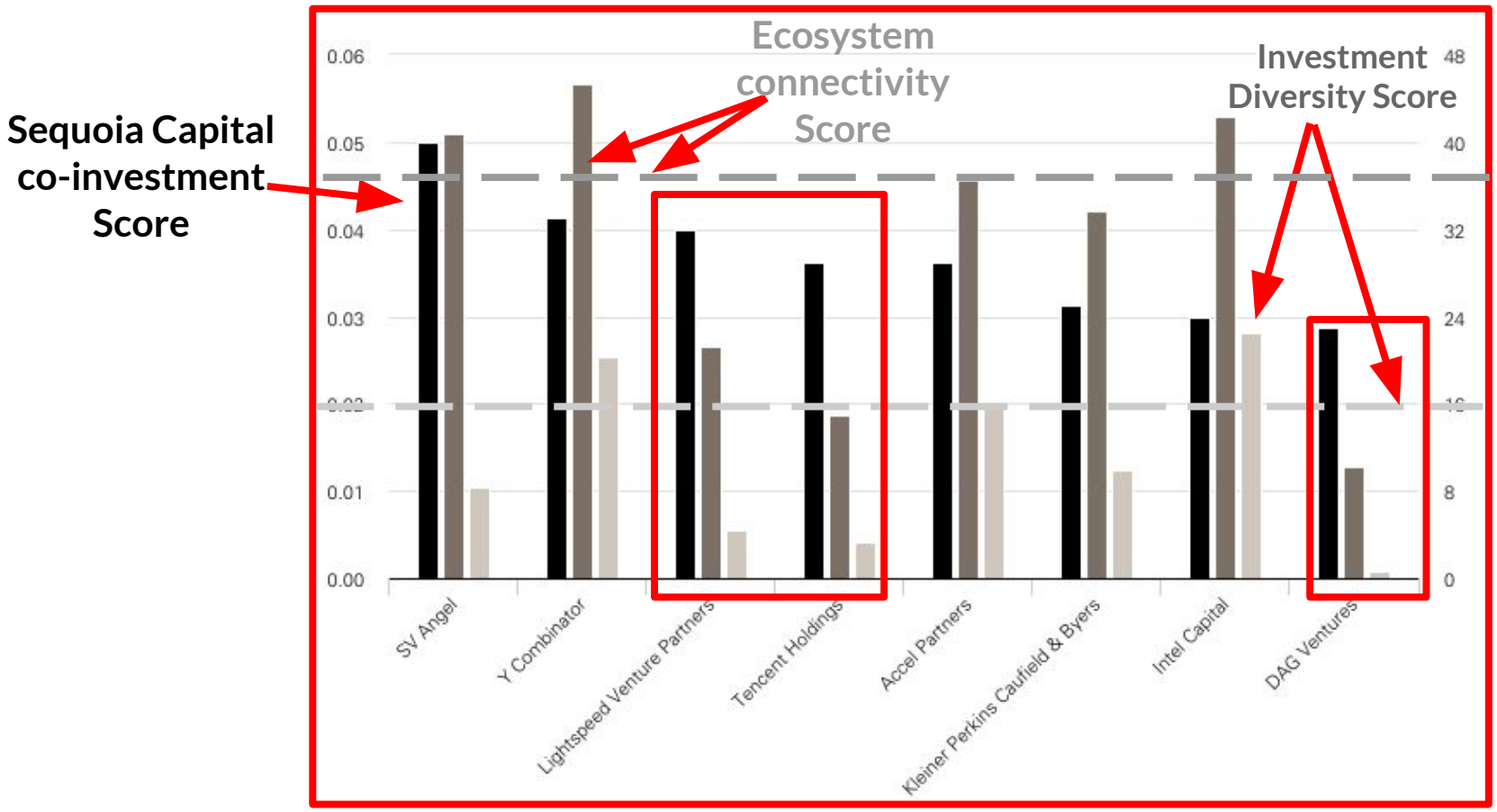
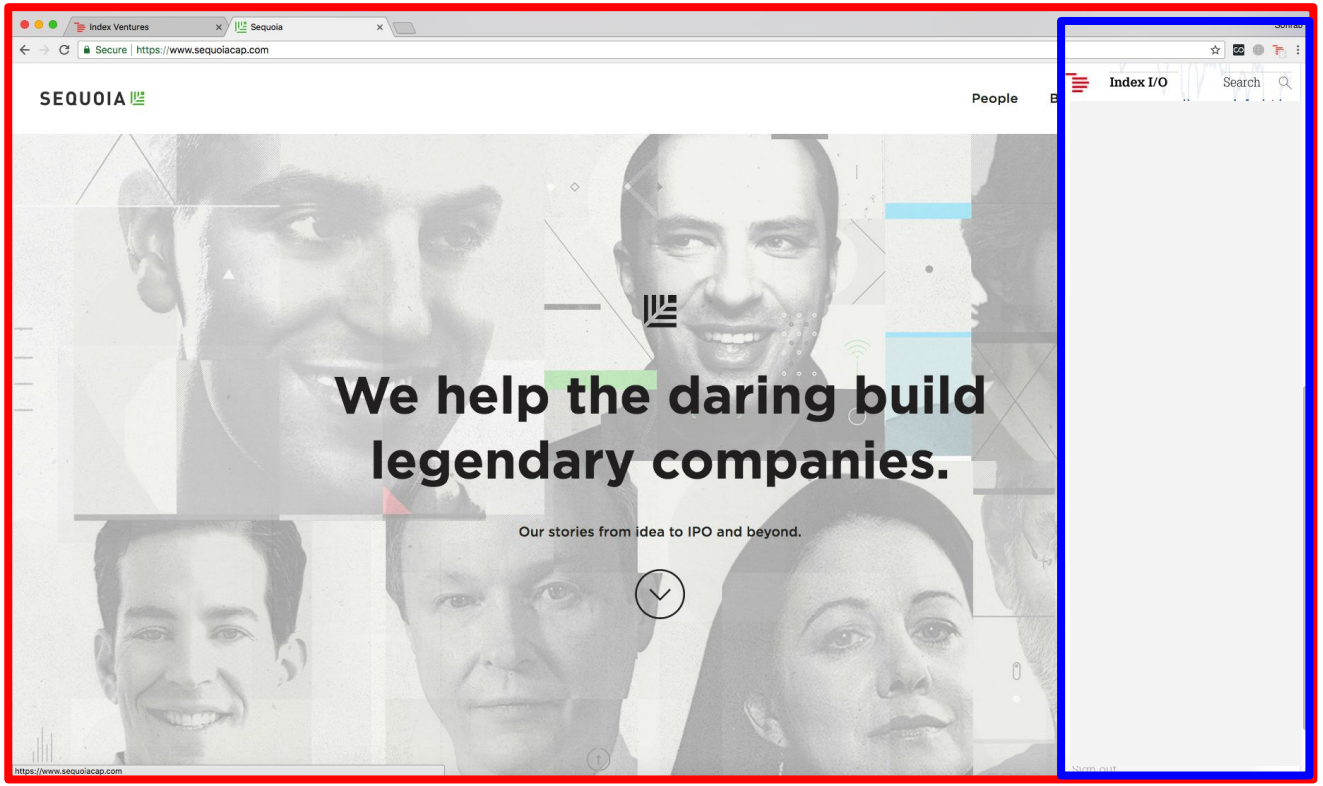


Outline:

1. How to evaluate investor performance?
2. Which investors have similar portfolios?
3. What industries do these VCs focus on?



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Overview

Number of Acquisitions	7	Number of Investments	1

Eventbrite

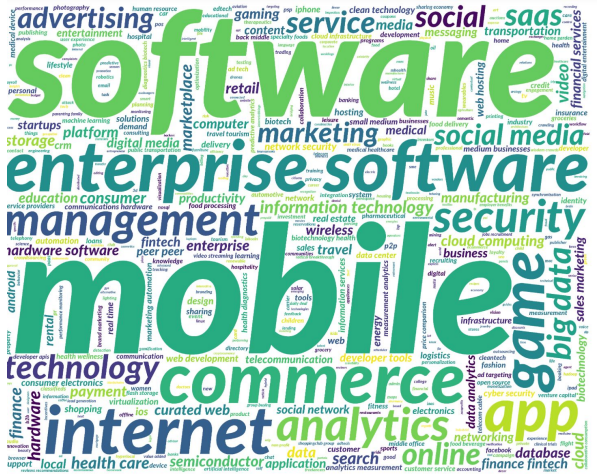
Eventbrite is an event technology platform which powers more than two million events around the globe each year.

San Francisco, California, United States

Categories	Association, Event Management, Events, Internet, SaaS, Ticketing
Founded Date	2006
Founders	Julia Hartz, Kevin Hartz, Renaud Visage
Operating Status	Active
Funding Status	Late Stage Venture
Last Funding Type	Series G
Number of Employees	501-1000

Sum all the tags for 0.5M startup

3323 tags



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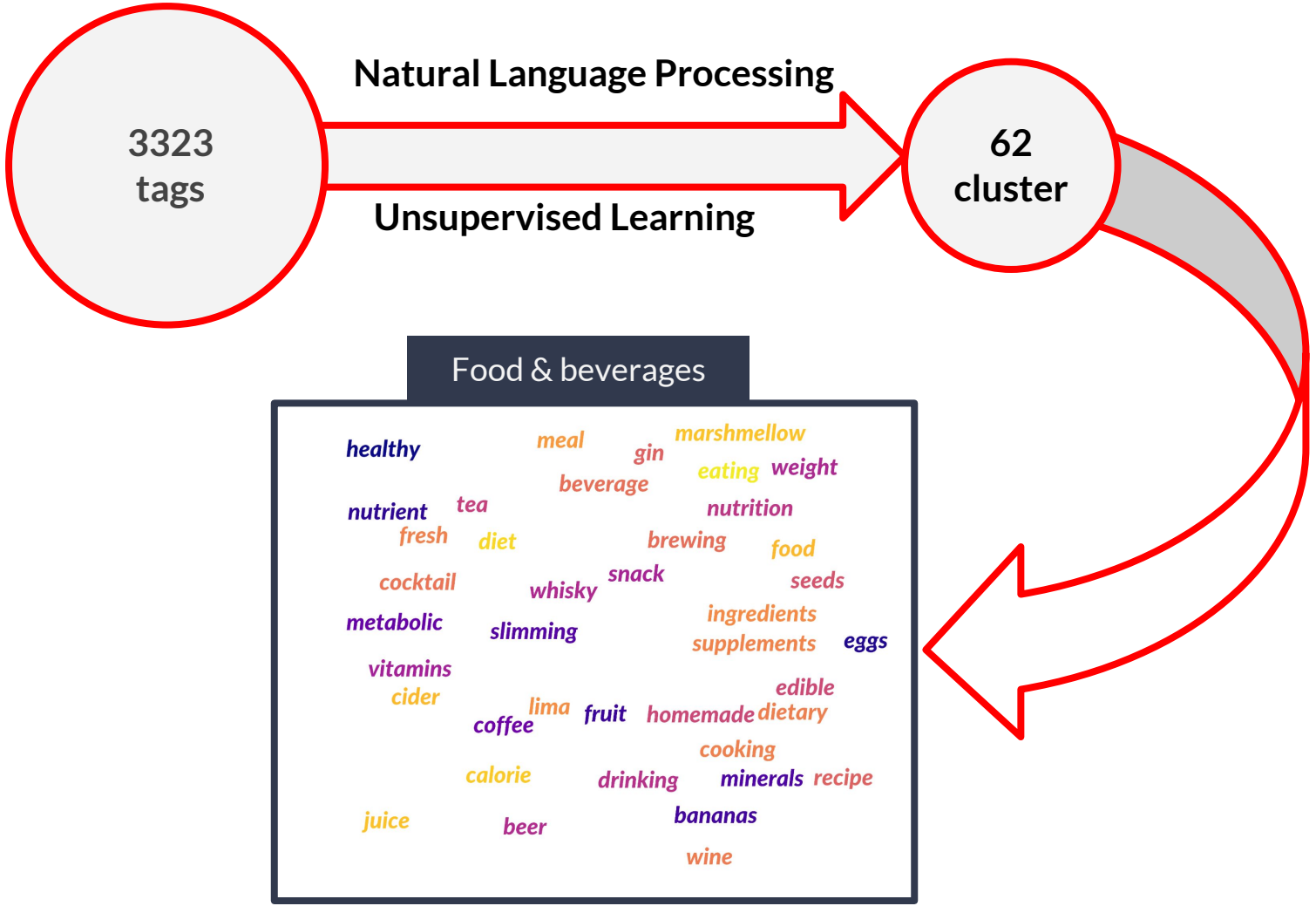
3323
tags
Natural Language Processing
Unsupervised Learning
62
cluster
Food & beverages
healthy
meal
gin
marshmellow
eating
weight
beverage
nutrient
tea
nutrition
fresh
diet
brewing
food
cocktail
whisky
snack
seeds
metabolic
slimming
ingredients
supplements
eggs
vitamins
cider
edible
lima
fruit
homemade
dietary
coffee
cooking
calorie
drinking
minerals
recipe
juice
beer
bananas
wine

Sequoia Capital's Investment Themes:

Originally 680 tags now 52

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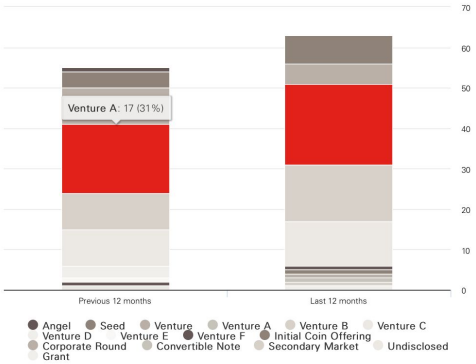
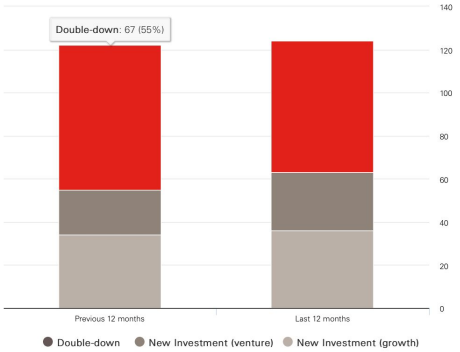
Investments by round

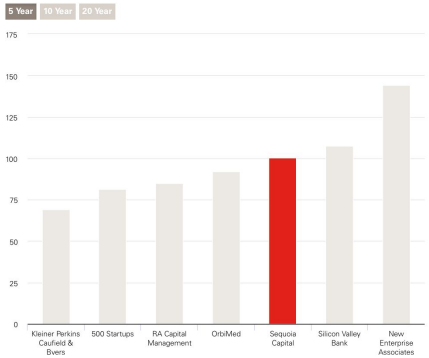


Investments by type

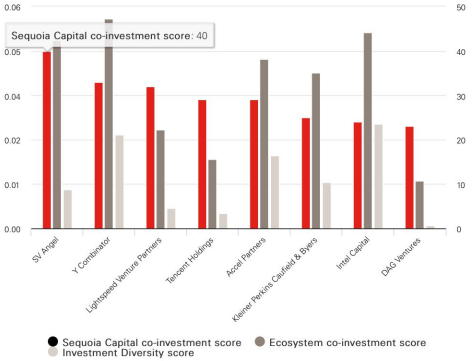


Investor Exit Scores

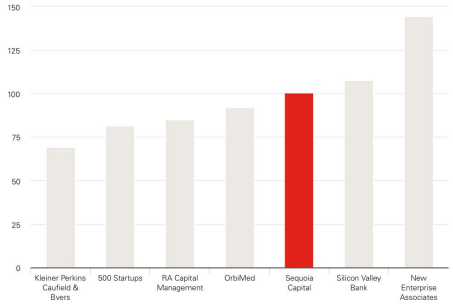
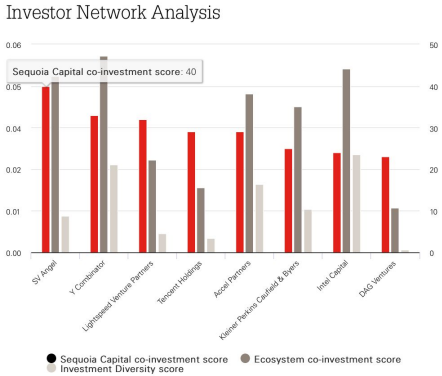
(write off=-0.5, acquired=+1, IPO=+2)



Investor Network Analysis



Investment Themes

Conclusion

- Developed metrics to evaluate the historical performance of over 44K VC's
- Network Analysis: provided on VC's interaction and additional evaluation score.
- Natural Language Processing: clustered 3323 unique keyword to 62 meaningful clusters. Saved more than 20 hours for the investor team.
- This work is now integrated in to Index Venture's webapp.