



# Startup Investments

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# Questions

1. Do venture capitalists tend to diversify their investment portfolios, or do they tend to invest in a particular sector?
2. Which parts of the year are investments/acquisitions more active? Is there a part of the year where overall activity is greater?
3. Do leading venture capitalists tend to invest domestically or are their investments diversified with international investments?
4. Which cities, states, countries have the highest number of investments?
5. Which sectors garner the highest number of investments? How has this changed over time?
6. Do Investments tend to lead or lag behind the public's interest?



# Dataset, Visualization, and Code References

- Dataset
  - [Crunchbase](#) data export from 2015
    - Detailed data on investments and acquisitions made from [] to 2015
- Visualization/Code Libraries
  - [Bokeh](#) - A Python Data Visualization library used to make interactive visualizations rendered in Javascript for web browsers.
  - [Bokeh Github Gallery](#) - A gallery of example visualizations made with Bokeh with code references to each example
  - Pandas



# Results

[Results](#)



# Challenges

- Binning each company into a “sector” was a big challenge since the data was very descriptive. For example, a company may have the following category tags:
  - Accounting | Finance Technology | Information Technology | Software
- Originally we used regular expressions to search for certain patterns in the tags and put the company in only one sector, but this proved to make the sectors too broad
- We later split the tag string into a list and created a dummy column for each unique tag. For example, a company with the category tags above would have a 1 in the “Accounting,” “Finance Technology,” “Information Technology,” and “Software” columns and 0s everywhere else. We then kept the top 50 categories and labelled everything else as “Other.”