**UC Berkeley Data Boot Camp**

Project 1

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**Project Title**

Unicorn Poop

**Project Description**

The term unicorn has become rampant in Silicon Valley.

Many companies have seen astronomical valuation increases in their run up to IPO, but not all of the companies have performed well post-public debut.

In our analysis, we seek to understand the performance and ownership changes over time for these companies after they IPO.

**Research Questions**

What is the financial performance for newly-IPOed tech companies, short-term (first year of trading), mid-term (2 – 5 years),

and long-term (over 5 years)?

How does the ownership profile (i.e. mix of private equity/venture capital, institutional, mutual fund) of the stocks (who benefits or suffers from value fluctuations) change over time for these companies?

**Data Sources**

IEX Trading Data API

EDGAR online filings API

IPOscoop Dataset

**Task Breakdown**

Stock Data info:

1. Create criteria for companies
2. Compile list of companies based on criteria
3. Pull the stock information for those companies
4. Determine gain or loss over specified time period(s)
5. Chart stock performance

Ownership Information

1. Pull ownership data for stocks
2. Classify owners
3. Check quarterly ownership changes
4. Chart ownership change information