



CincyTech is a public-private seed-stage investor whose mission is to be a hands-on trusted partner in transforming your business or business idea into a high-potential technology or life sciences company. We provide core entrepreneurial support services and investment to smart founders and companies throughout Southwest Ohio. (<https://www.cincytechusa.com/>)

Project Description

The project goal is to analyze the VC round, deal type, deal amount, total invested capital, pre-money valuation, and post valuation for each company in multiple sectors. The data will be compiled over the last 10 years by quarters, grouping the companies by industry and analyzing the general trends and casual relationships between the features provided by Pitchbook.

A model will be developed to find the determinants of a “successful” exit backed by a VC firm, focusing on the variance between pre-money and post valuation, and understand the changes throughout history. Exploratory data analysis will be conducted to quantify the information based on each category bucket.

Internal Partners: Partner and Venture Analyst, University/Student Engagement Activities

Datasets: Pitchbook (Industry/vertical, VC round, deal type, total invested capital, pre and post money valuation, etc); National Venture Capital Association

Coding Languages: Python

Specific Skills

1. **Interest in Venture Capital:** Understanding technicalities surrounding VC exits
2. **Predictive Modeling:** Predict the likelihood of future VC activities based on historic VC activity and other related datasets

Expected Technical Difficulty: **Easy**