



# Data-Analysis-on-Startup-s-Acquisition-Status

## Introduction

**IPO:** An **initial public offering** (IPO) refers to the process of offering shares of a private corporation to the public in a new stock issuance. An IPO allows a company to raise capital from public investors.

**Acquisition:** An acquisition is a corporate action in which one company purchases most or all of another company's shares to gain control of that company.

The objective of the project is to predict whether a startup which is currently Operating, IPO, Acquired, or closed by analyzing methods.

## Dataset

Dataset is extracted from crunchbase Data containing 60k+ companies ,

Dataset have 44 column and many rows about the information of the companies

## Model Implementation:

- 1-First we make preprocessing , Data cleaning
- 2- Then know description about the data by using pandas , data manipulation and using pipeline
- 3- Data visualization
- 4- Make test split to make training data and testing data
- 5- Then make Model

## Feature Work:

We can improve accuracy by using another method to predict or using deep learning method or another machine learning tool.