

Predicting Start-up Success



Helping the client to invest in the startups that could provide a long term profit.



Statistical Analysis using ML tools on large data sets of different startups available in the current market.



Deciding the breakdown for the success rate for a startup to the clients and help them to find a reliable startup.

InvestRight

For more information you can also contact us at: InvestRight, 6th St., Mumbai-400076.



INVESTRIGHT
a step ahead

+91-9193100080



sales@investright.com



6th St.

Mumbai, INDIA

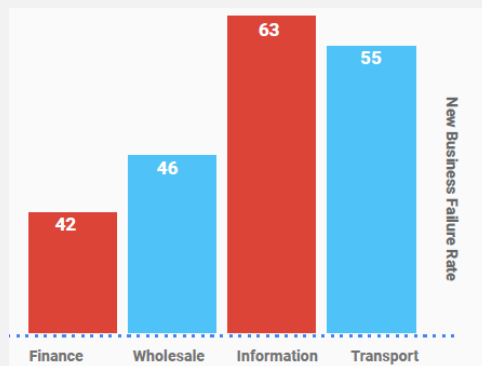


2020 BUSINESS BROCHURE

"A start-up can be defined as a human institution created to develop new products and/or services under extreme uncertainty conditions."

Market Needs

- ❑ In the current situation of technological advancement where we have thousands and millions of startups coming into the market and playing a very important role in the economy. Which creates a new problem for Investors and CEOs of startups as well.
- ❑ Investors are eager to invest in new ideas and technological startups but because of such a large number of new startups it's next to impossible for a human to judge all at a same time. Hence there is a burning need of some tools and techniques that can evaluate and tell which startup is going to be a successful one.
- ❑ Many business groups don't know which field to choose for a successful business and hence they need something which can tell them which field is doing good in current market situation.
- ❑ The final objective is to build a tool that given the general information about a Startup can rate it as whether it is going to be successful* or not.
- ❑ The tool will not only give the binary classification but will also let you compare it with top 5 already existing similar startups and how they've performed in the past.
- ❑ The graph below describes failure rate of new business in different market sectors:



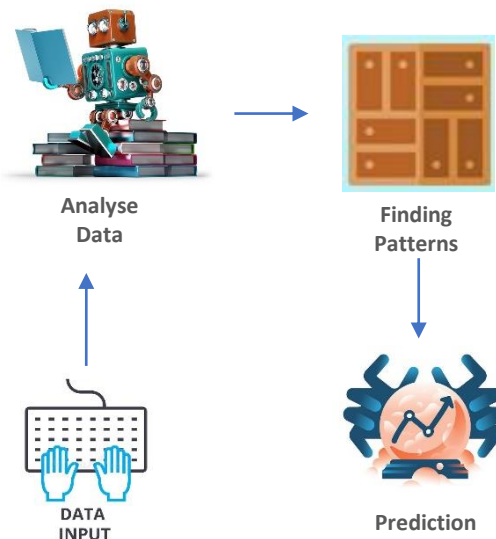
*criteria for success is defined as a Startup either going to an IPO or being acquired by a Company/Conglomerate

Our Services

- ❑ We leverage technological advancement in Artificial Intelligence and Machine Learning with available data regarding past startups to define how different factors drive the success of a start-up.
- ❑ Our final model makes use of startup features such as total funding, operating status, number of funding rounds etc. to determine whether a startup would achieve competitive advantage in the market.
- ❑ Our solutions help investors and companies in making the right investment choice.

What makes us Unique?

- ❑ Technology driven approach:



- ❑ Multi-modal Machine Learning:

Logistic Regression

LR is one of the fastest algorithms to train. Since it has low variance it is less prone to over fit. It also does not make assumptions about distributions of classes in feature space.

Random Forest / XGBoost

Random Forest:RF is an ensemble of decision trees. For prediction, RF takes inputs from all the trees and then predicts the outcome.

XGBoost:It is a highly preferred algorithm because of less feature engineering required.

MLP

A multilayer perceptron is a class of feedforward artificial neural network which utilizes a supervised learning technique called backpropagation for training

- ❖ We use supervised learning which is a method of machine learning where the output categories are predefined.
- ❖ While data processing, it is important to choose not only the algorithm that better fits the problem but also which adapts well to characteristics of the dataset.

Tested Results



- ❑ 7 out of every 8 predictions **Successful**



- ❑ **93.9% Accuracy**
* *highest in the market*