



According to Gartner, 60% of Data Science projects fail. Some others have estimated much higher failure rates and can be up to 85%.

Well, the key is to understand what it takes to be in the remaining 15%. Isn't it?

Based on our own experience, we were able to identify key success factors that can take us there!

Watching these factors and taking the right steps, we have successfully delivered Data Science projects, from concept to execution to production.

CoreView has built a strong Data Engineering and Data Science competency and successfully completed Machine Learning projects involving Prediction Engines, Computer Vision, Sentiment Analysis, Churn Analysis, etc.

In the paragraphs that follow, I would love to share my findings of the top 3 success factors.

## 1) **Balancing the team:**

Data Science project team usually consists of stakeholders from Operations, Data Science and IT Development.



The operations team focuses on the required business outcomes, Data Scientist models the existing data to get the desired outcome, and the development team creates the lake and visualization. Well if you observe closely, all of them have their own language, a way of communication, and focus. What we are missing is the link in between.

## 2) Featured Data:

The right amount and right quality of data is a must for the success of a project.

Typically having a lot of data is assumed to be good to solve the problems. More data means more processing, more exploration, complex tech stacks, more computing, scale issues. Everything adds up to the cost.



## 3) Uncertainty is given:

Most of the data science projects have a good amount of uncertainty in terms of achievable results Vs expected results.

Are you really going to get what you want? Asking/answering the question “upfront” is very critical.



- To summarise** - Bring in “technical generalist”
- Identify “Most Influential features”
  - Conduct “POCS”, and redefine expectations

Hope you like what I am saying. I will be very happy to see your comments and hear from you about your own experience in this area.

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