

The Teradata logo is displayed in white lowercase letters on a teal circular background. The teal background is a large, semi-circular shape on the left side of the slide, with a dark blue background on the right.

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The Data Scientists Survival Guide

10 things that might save your next analytical
project

Dominik Koch, Principal Data Scientist - 19.02.2020

Special thanks to Matt von Rohr



Treat Your Project like a Startup.

Don't be afraid to pivot. You may have simply misunderstood the requirements.



Have an Elevator **Pitch** Ready.

Be ready to convey the value proposition of your project in 30 seconds or less.



Have a Development Process.

And stick to it!



What If I Gave You the **Perfect Black Box?**

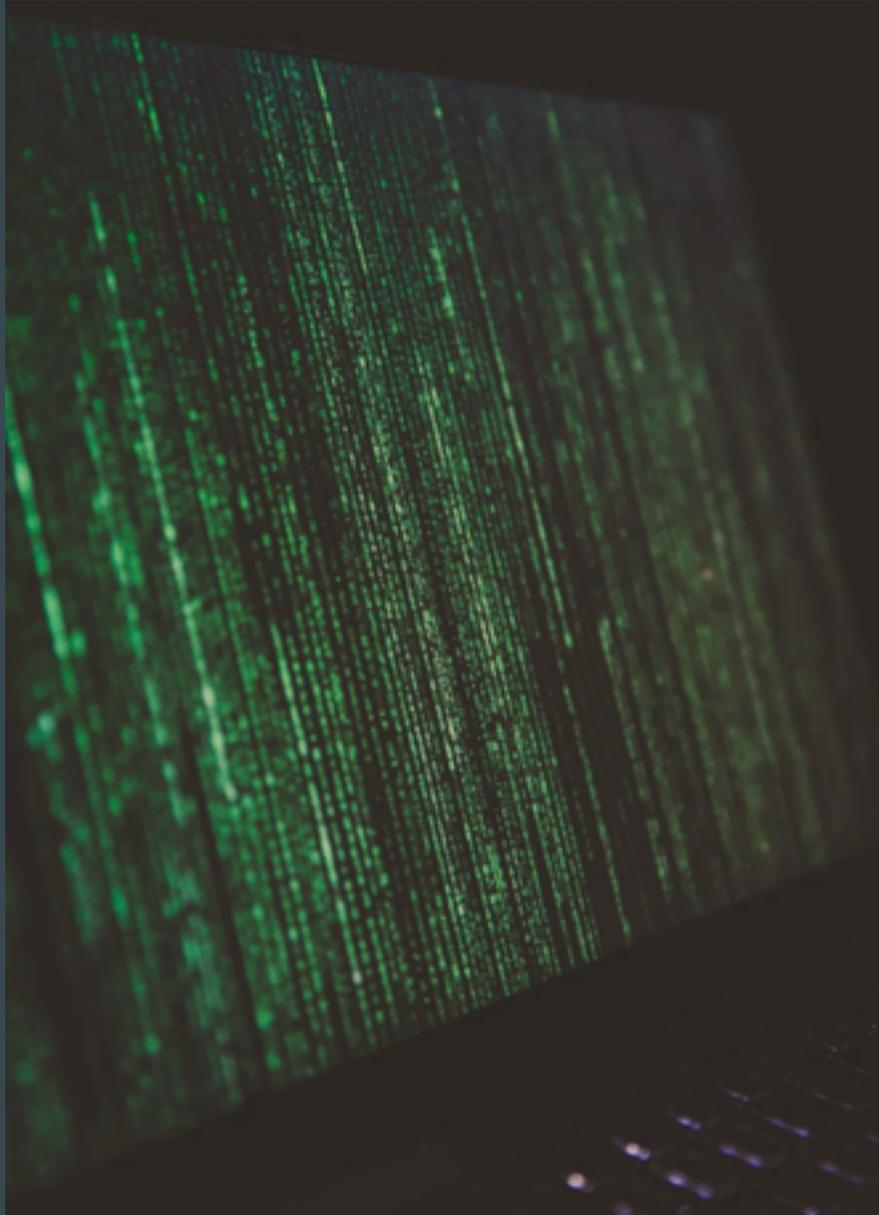
What business actions are implied?

What processes would the results
trigger?



Resist **the Urge** to Publish Too Early

Eagerly publishing un-verified results
can backfire in unexpected ways.



Prioritize Data **Integration**, Data **Quality** & Data **Reuse**.

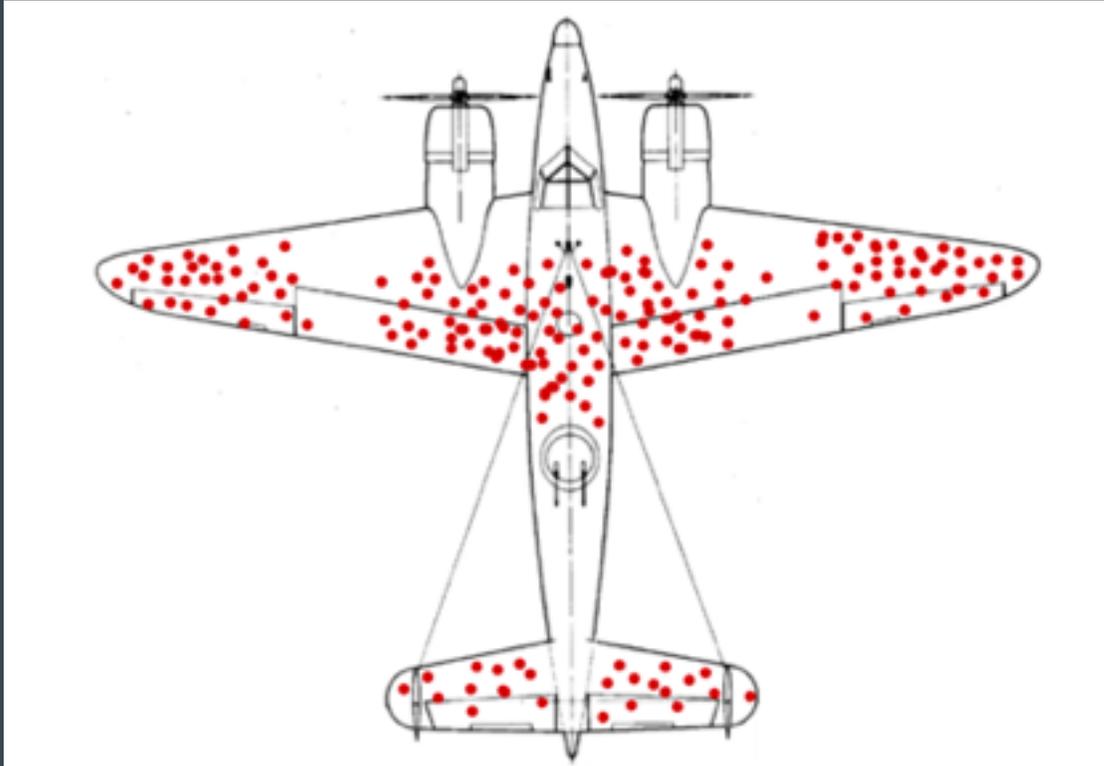
As the name implies, “Data Science” starts with the word “Data”.



Don't Be the
YES Man!

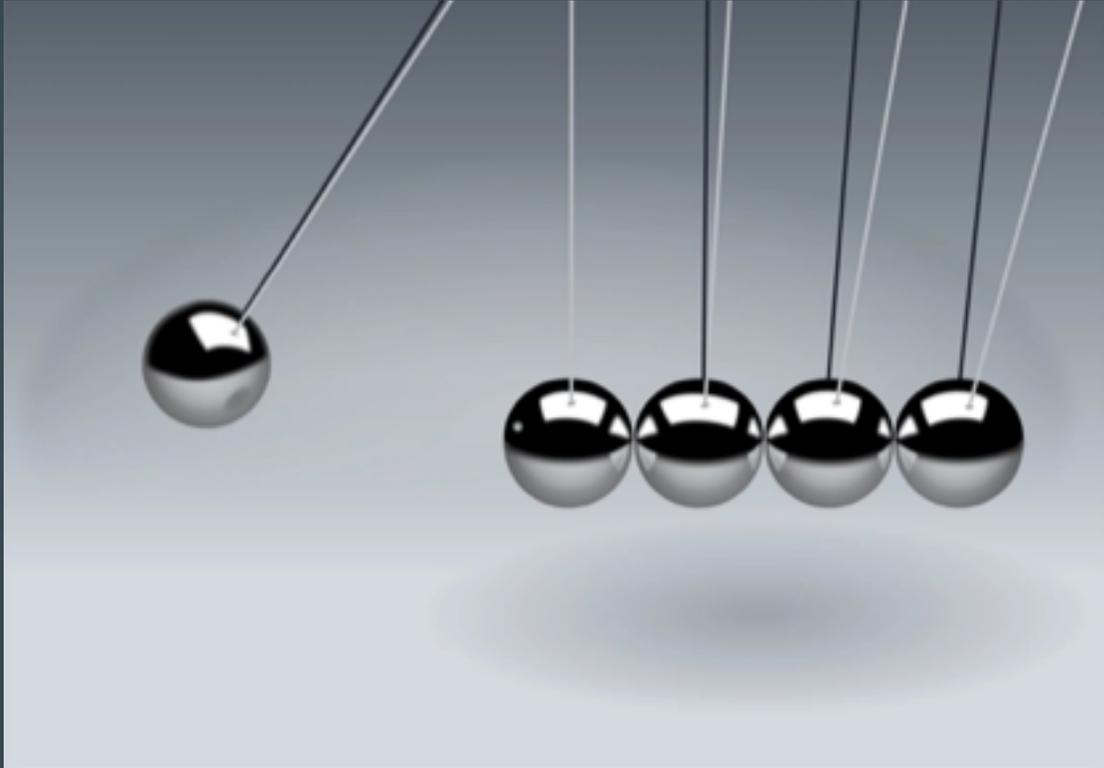
You Have to Say
NO (Sometimes)

Being the YES man will lead to chaos
and frustration down the road.



Be Aware of the Survivorship Bias.

There is much more to learn from failed projects than there is to learn from successful projects



Start with the **Minimum Viable Action...**

...to overcome procrastination.



```
from sklearn.ensemble import ExtraTreesClassifier
clf = ExtraTreesClassifier(n_jobs=-1)
clf.fit(X_train, y_train)
y_pred = clf.predict(X_test)
```

Don't Become a Commoditized Data Scientist.

Focus on concepts and understanding,
not on tools.



Keep Having Fun...

... work smarter, not harder!

Thank you.

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