



Foundations of Data Teams

FOUNDATIONS OF DATA TEAMS

- Houses
- Disclosure
- Data Teams
- Implications

We're implicit with our desires instead of explicit

We're focused on the exterior and cosmetic

Houses = Value Created
Construction = Data Teams

Our Focus Is On The Facade

We're so focused on models we're missing the rest of the structure.



Do Data Teams Need Foundations?

Houses don't need a foundation
if you don't need them to stand for long



An Easy Renovation?

Adding advanced analytics isn't a simple renovation



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Date _____

Do you currently occupy or have you ever occupied this property?

YES

NO

Property address _____

Effective October 1, 2011: A purchaser may not waive the requirement to provide this form and a seller may not require a purchaser to waive this form. *(NRS 113.130(3))*

Sellers may not disclose everything

When selling a house the seller has to disclose any problems

Type of Seller: Bank (financial institution); Asset Management Company; Owner-occupier; Other:

Purpose of Statement: (1) This statement is a disclosure of the condition of the property in compliance with the Seller Real Property Disclosure Act, effective January 1, 1996. (2) This statement is a disclosure of the condition and information concerning the property known by the Seller which may materially affect the value of the property. Unless otherwise advised, the Seller does not possess any expertise in construction, architecture, engineering or any other specific area related to the construction or condition of the improvements on the property or the land. Also, unless otherwise advised, the Seller has not conducted any inspection of generally inaccessible areas such as the foundation or roof. This statement is not a warranty of any kind by the Seller or by any Agent representing the Seller in this transaction and is not a substitute for any inspections or warranties the Buyer may wish to obtain. Systems and appliances addressed on this form by the seller are not part of the contractual agreement as to the inclusion of any system or appliance as part of the binding agreement.

Non-disclosure has legal and monetary implications (1) ANSWER ALL QUESTIONS. (2) REPORT KNOWN CONDITIONS AFFECTING THE PROPERTY. (3) ATTACH ADDITIONAL PAGES WITH YOUR SIGNATURE IF ADDITIONAL SPACE IS REQUIRED. (4) COMPLETE THIS FORM YOURSELF. (5) IF SOME ITEMS DO NOT APPLY TO YOUR PROPERTY, CHECK N/A (NOT APPLICABLE). EFFECTIVE JANUARY 1, 1996, FAILURE TO PROVIDE A PURCHASER WITH A SIGNED DISCLOSURE STATEMENT WILL ENABLE THE PURCHASER TO TERMINATE AN OTHERWISE BINDING PURCHASE AGREEMENT AND SEEK OTHER REMEDIES AS PROVIDED BY THE LAW *(see NRS 113.150)*.

Systems / Appliances: Are you aware of any problems and/or defects with any of the following:

	<u>YES</u>	<u>NO</u>	<u>N/A</u>		<u>YES</u>	<u>NO</u>	<u>N/A</u>
Electrical System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shower(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plumbing.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sink(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sewer System & line.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sauna / hot tub(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Septic tank & leach field.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Built-in microwave	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Well & pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Range / oven / hood-fan.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yard sprinkler system(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dishwasher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fountain(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Garbage disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating system.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trash compactor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cooling system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Central vacuum.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solar heating system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Alarm system.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fireplace & chimney.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	owned.. <input type="checkbox"/> leased.. <input type="checkbox"/>			
Wood burning system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Smoke detector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garage door opener.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intercom	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water treatment system(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Data Communication line(s)...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
owned <input type="checkbox"/> leased <input type="checkbox"/>				Satellite dish(es)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Whose Job?

Whose job is it to disclose issues on your team? Vendors, Management, Individual Contributors, Books?

Is It Easy?

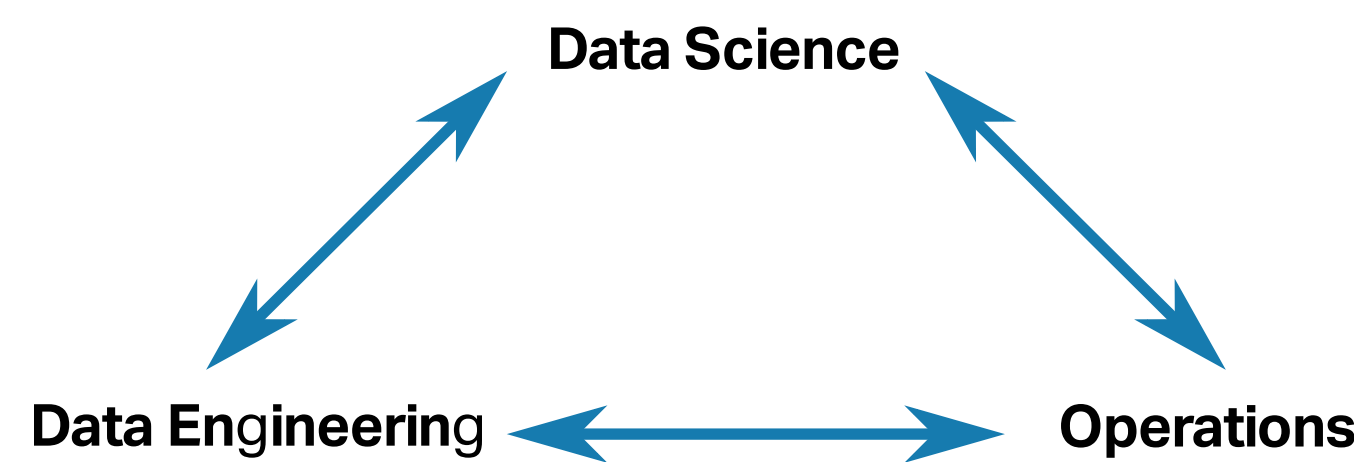
Some vendors are misleading with their disclosures. They say it's easy and you don't need a solid foundation.

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Data Teams

Each team is equally important and necessary to create value



Without Data Science

There's a foundation, but no value is created because no one lives there.



Without Data Engineers

House is there but crumbles
due to lack of sound engineering



Without Operations

The business won't use neglected, messy, and unkempt data products.



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Put the Effort Into a Solid Foundation It's much easier to initially build on top of a solid foundation

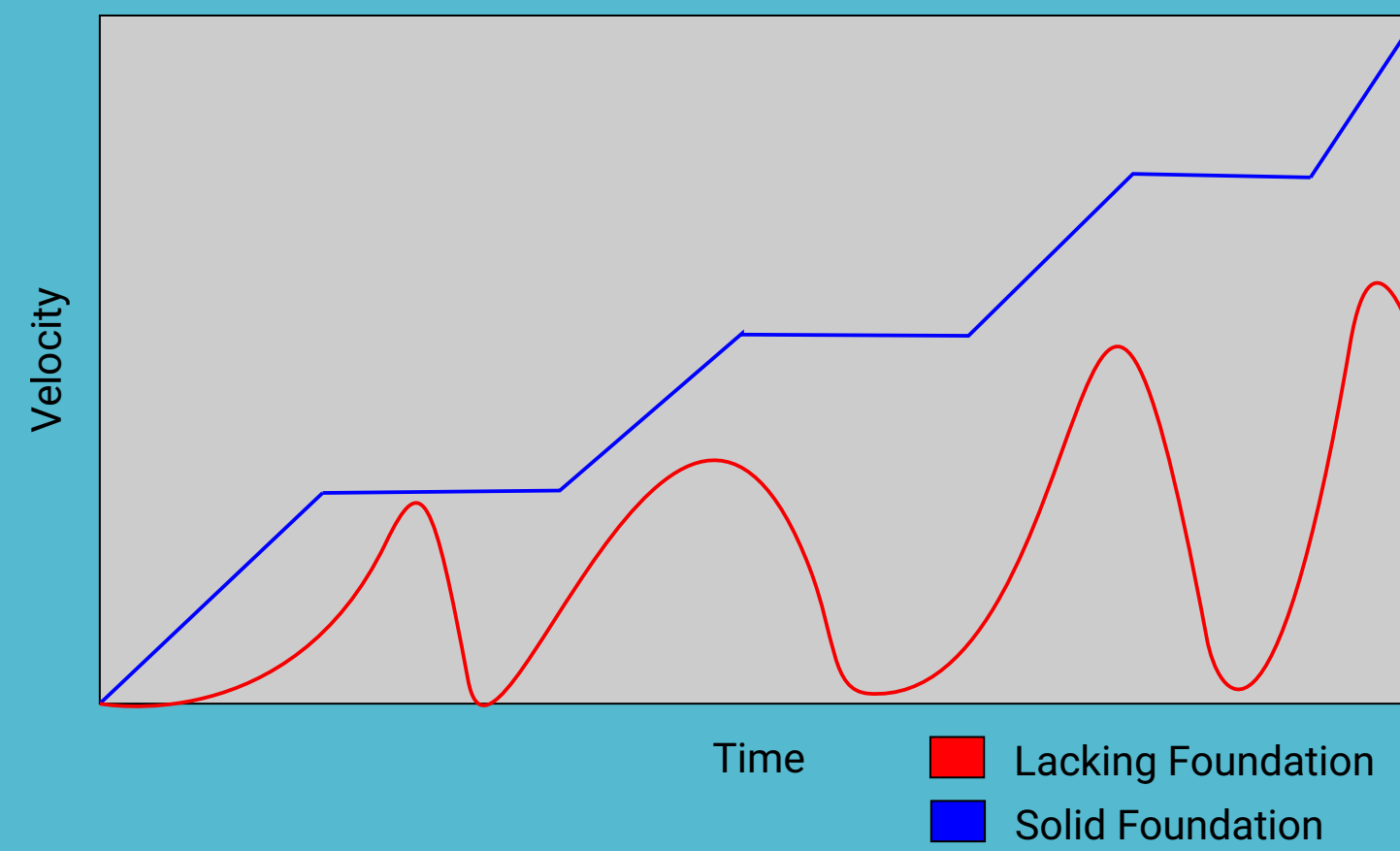


■ ■ ■ **Or Else** ■ ■ ■

It will cost far more to go back and fix it later

Velocity Increases With Solid Foundations

Continuous improvements built on solid foundation versus failing and constantly dropping.



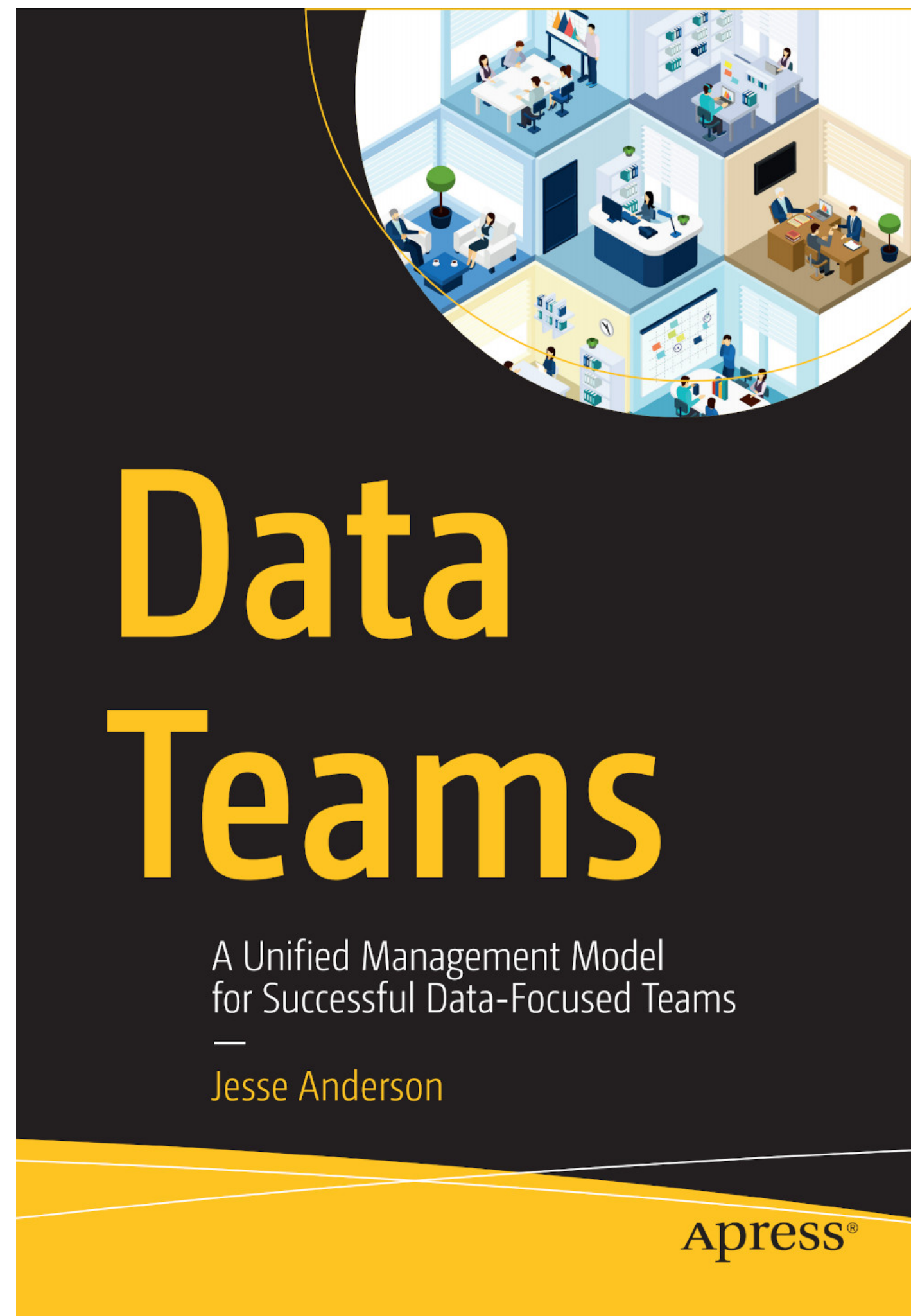
An Ounce of Prevention Is Worth a Ton of Cure

It's always possible to fix a foundation but will be costly,
don't wait.



Data Teams Book

<https://www.datateams.io>



Thank You

bigdatainstitute.io

