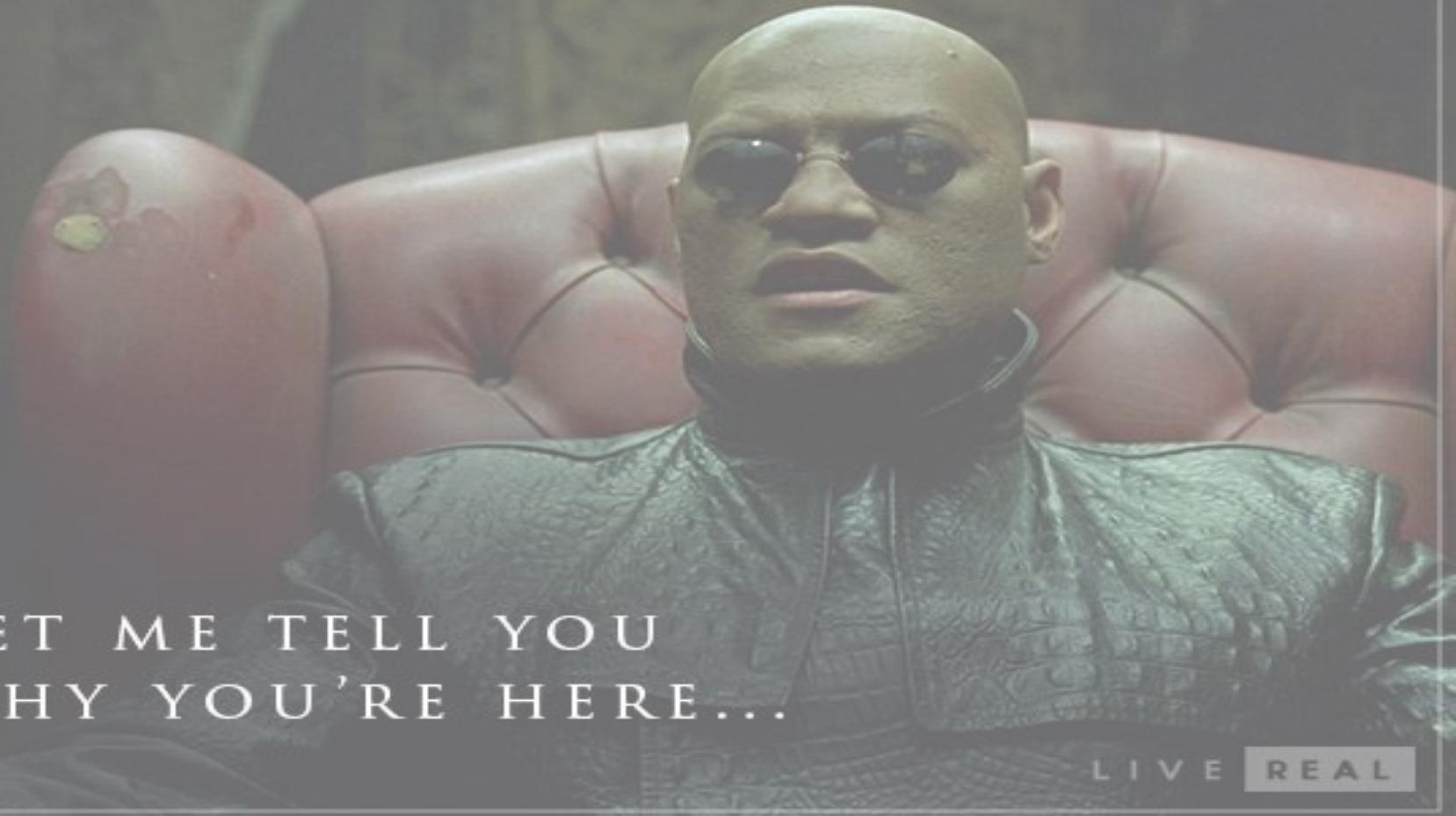


# Modeling Better Decisions

...

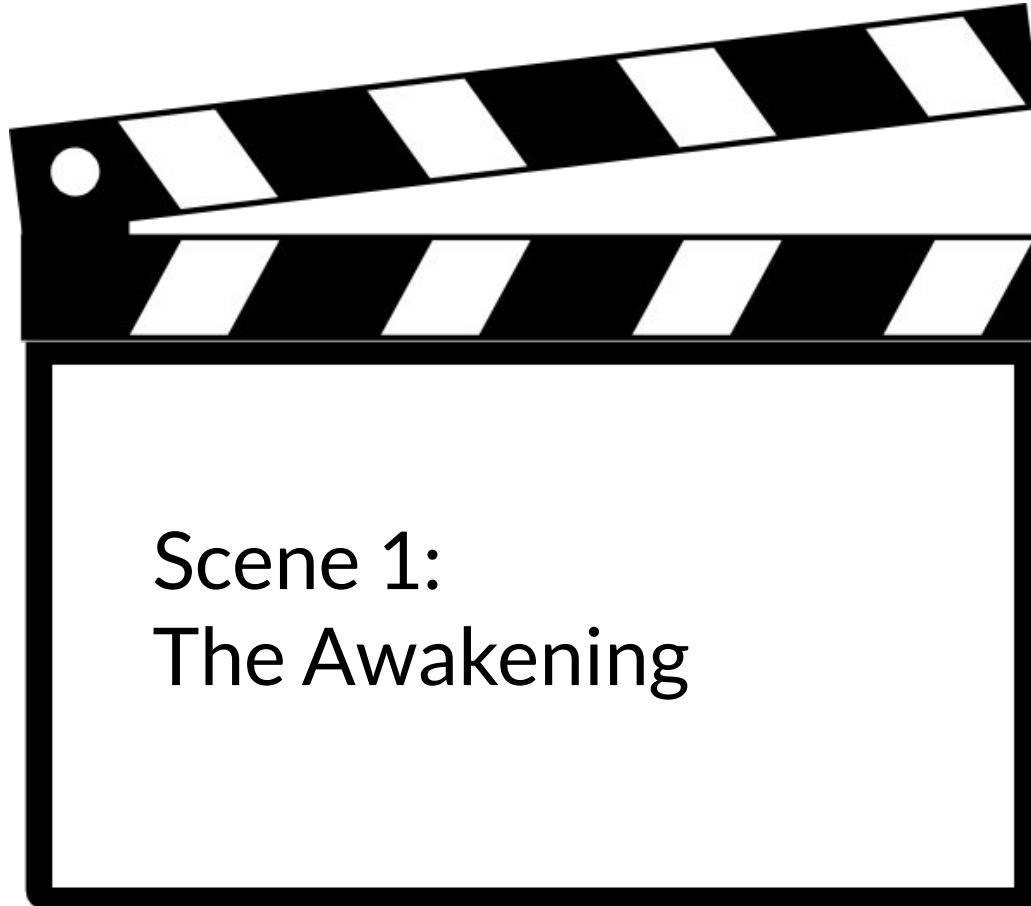
Dustin Thostenson & Skylar Watson



LET ME TELL YOU  
WHY YOU'RE HERE...

LIVE REAL





## The Awakening





Search



<b>Pathological (power-oriented)</b>	<b>Bureaucratic (rule-oriented)</b>	<b>Generative (performance-oriented)</b>
Low cooperation	Modest cooperation	High cooperation
Messengers shot	Messengers neglected	Messengers trained
Responsibilities shirked	Narrow responsibilities	Risks are shared
Bridging discouraged	Bridging tolerated	Bridging encouraged
Failure leads to scapegoating	Failure leads to justice	Failure leads to enquiry
Novelty crushed	Novelty leads to problems	Novelty implemented

# Satir Change Model



MONSTER

Find Jobs Career Resources Company Profiles Salary Upload a Resume Log In Sign Up Employers Post Jobs & Find Talent

FIND BETTER

Monster can help you find the best jobs, employers and career advice.

Jobs Companies Advice

Keyword or Title Location Find Jobs

Upload your resume - Upload your resume for a free professional assessment

Dice

Tech Careers Career Explorer Insights

Contact Sales For Employers Login/Register

Need Tech Talent?

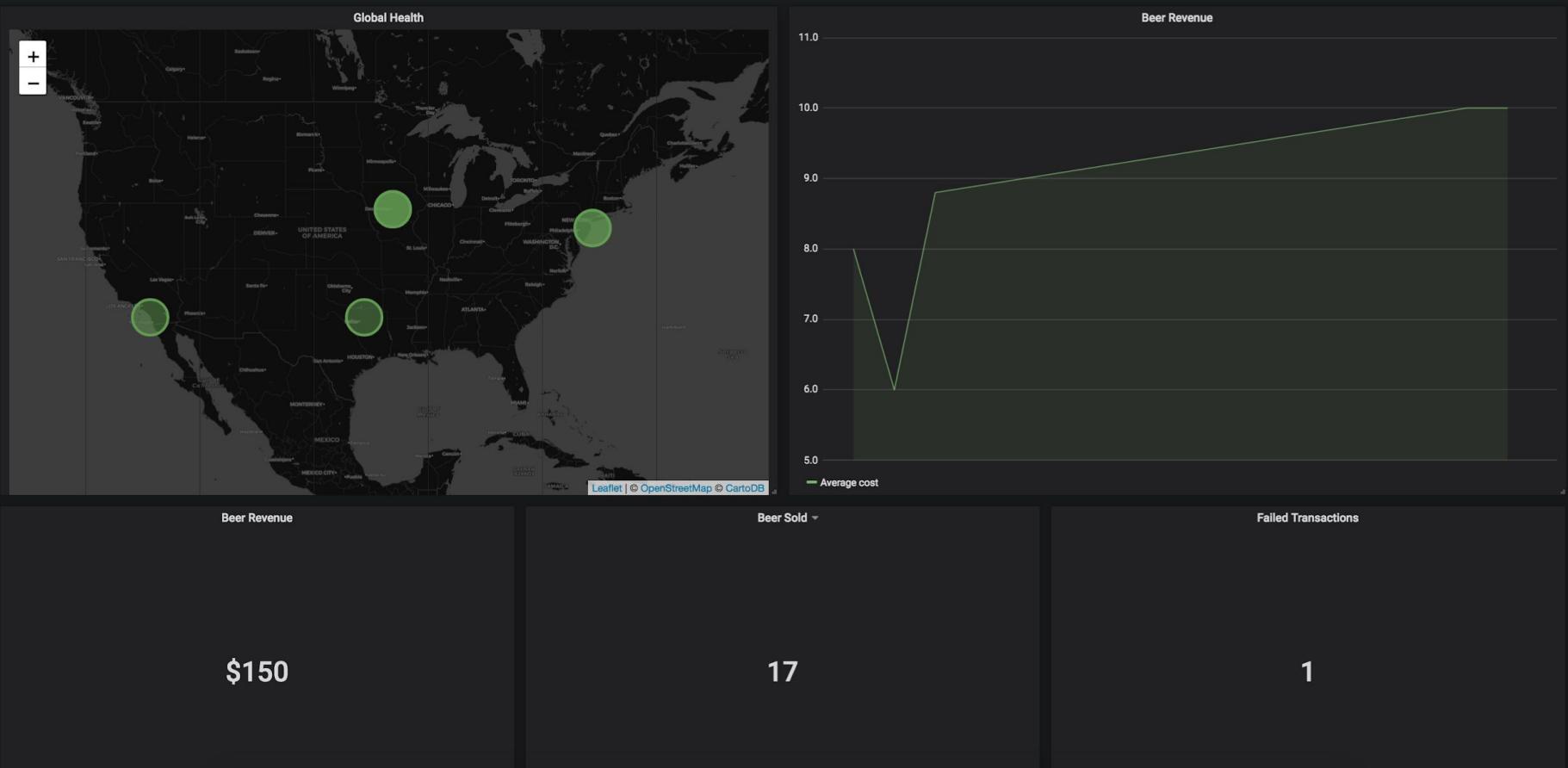
Cut your time-to-hire with easy access to millions of relevant tech candidates.

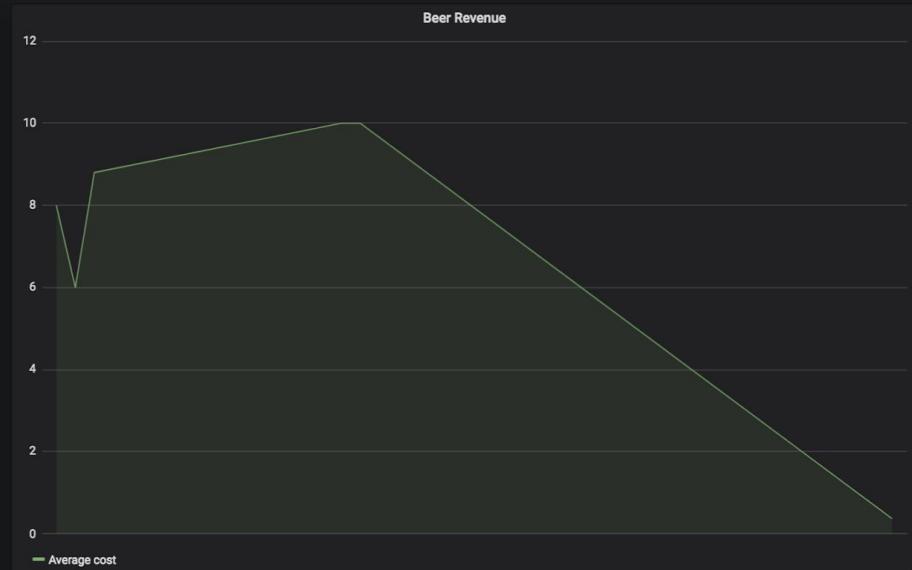
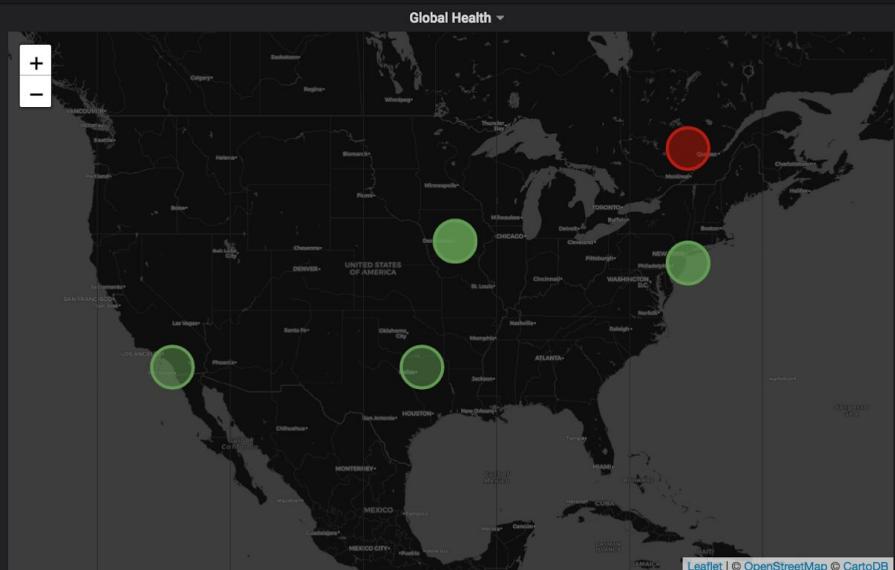
SEARCH RESUMES POST A JOB

Job Title, Skills, Keywords or Company Name Zip Code, City or State Omaha, NE

Find Tech Jobs Advanced Search







Beer Revenue

Beer Sold

Failed Transactions

\$156

33

16

@Dustinson

@SkylarRWatson

# Getting To Work



# Eisenhower Model

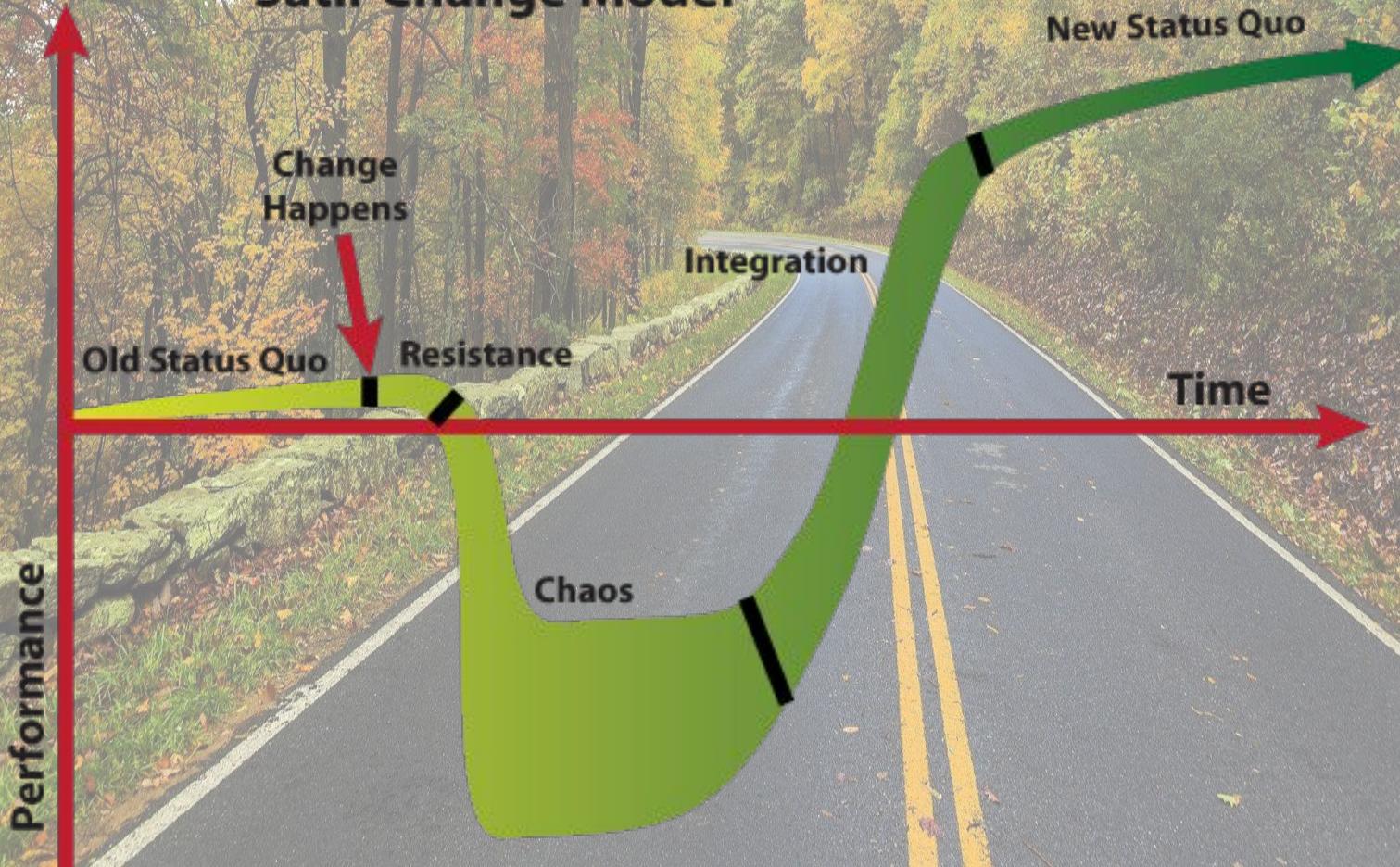




Scene 1 Reflect

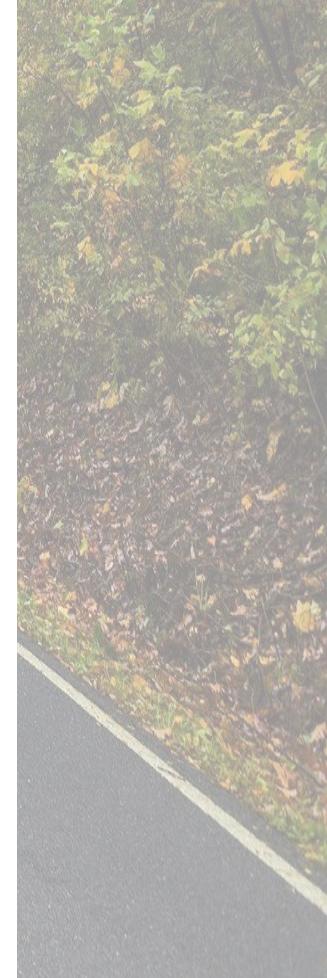
<b>Pathological (power-oriented)</b>	<b>Bureaucratic (rule-oriented)</b>	<b>Generative (performance-oriented)</b>
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Novelty crushed	Novelty leads to problems	Novelty implemented

## Satir Change Model



# Eisenhower Model





There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know. But there are also unknown unknowns. There are things we don't know we don't know.

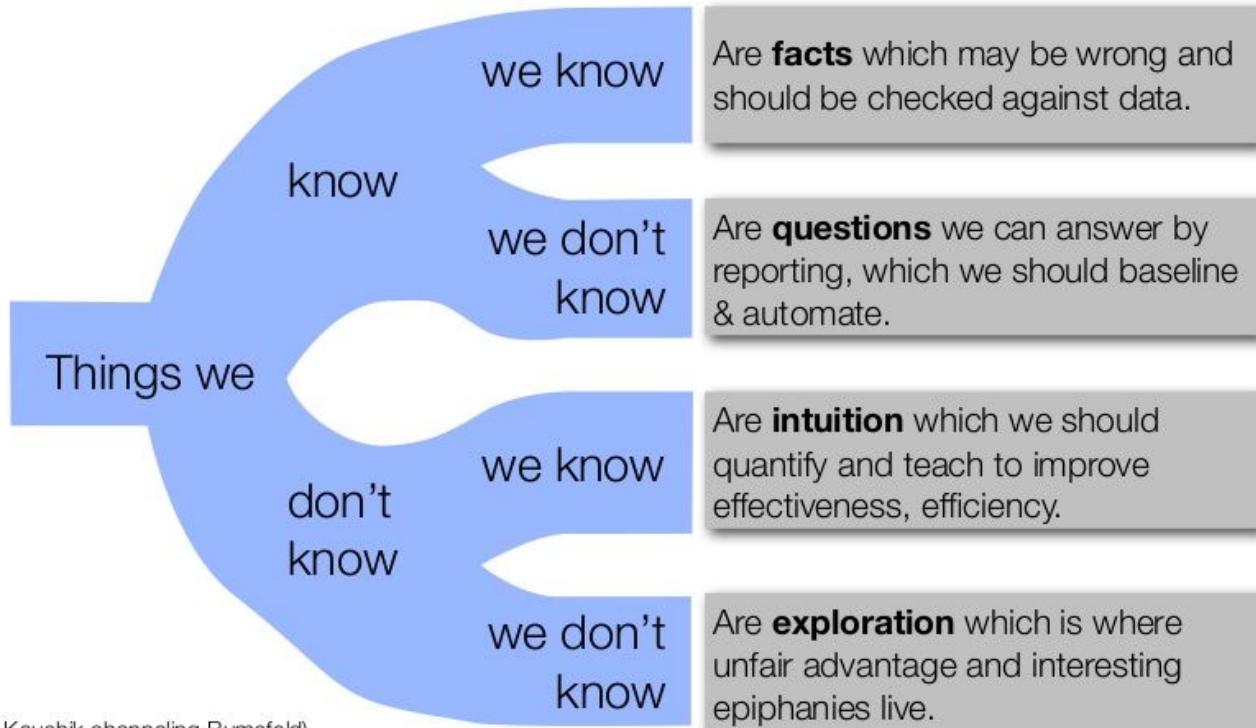


Donald Rumsfeld

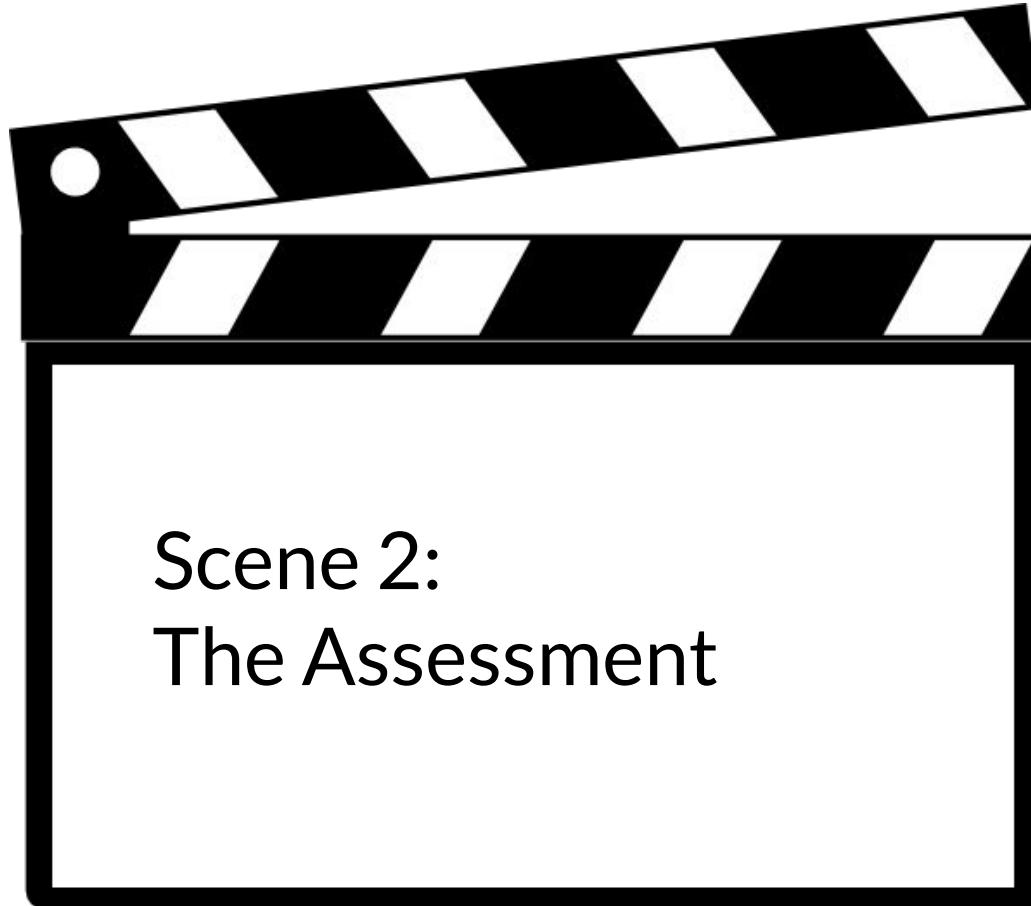
# What's known? (Rumsfeld model)

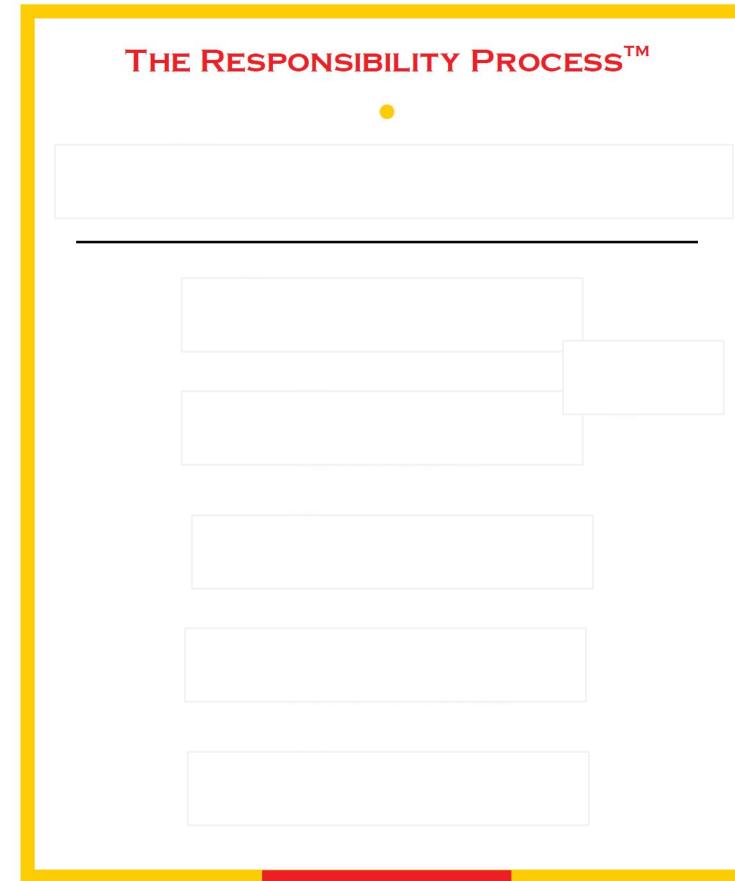


# Rumsfeld on Analytics



(Or rather, Avinash Kaushik channeling Rumsfeld)

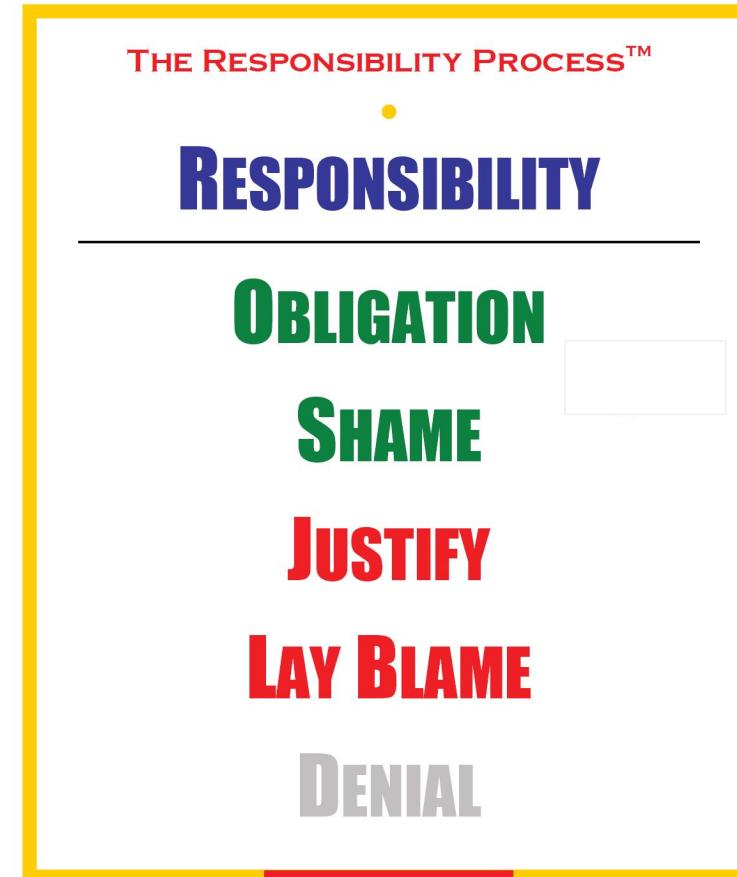


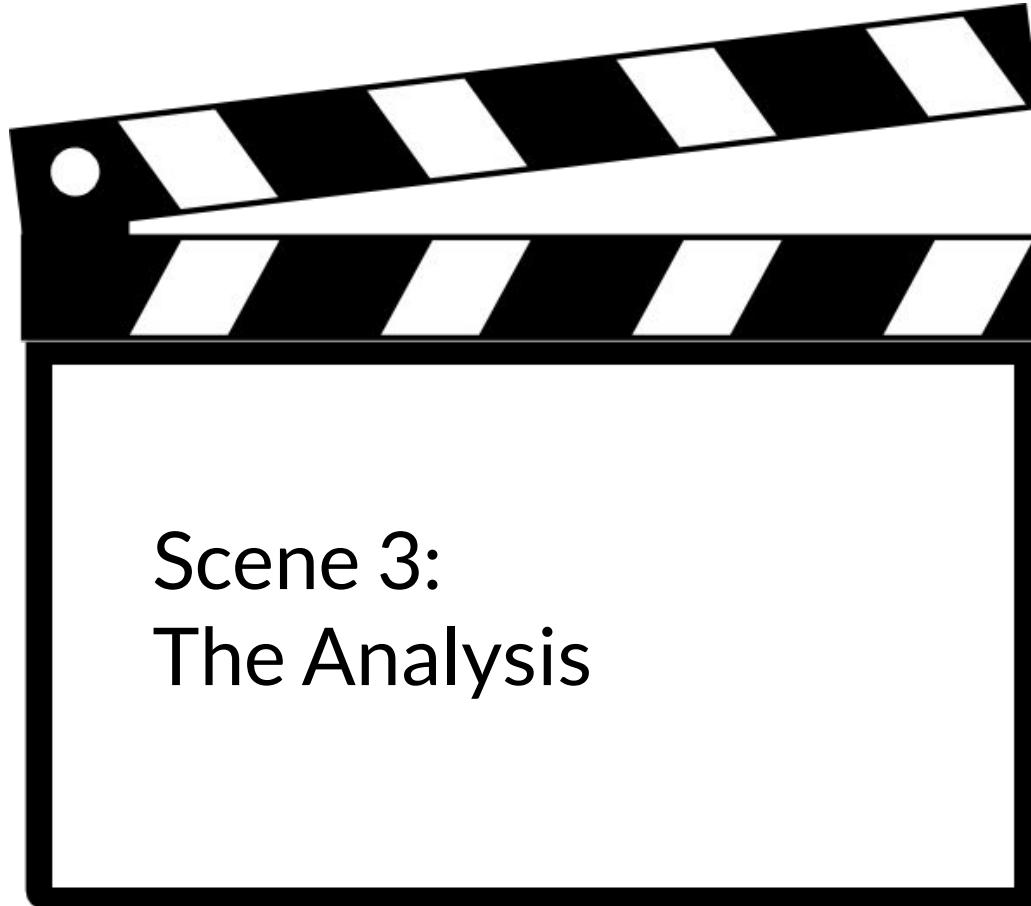


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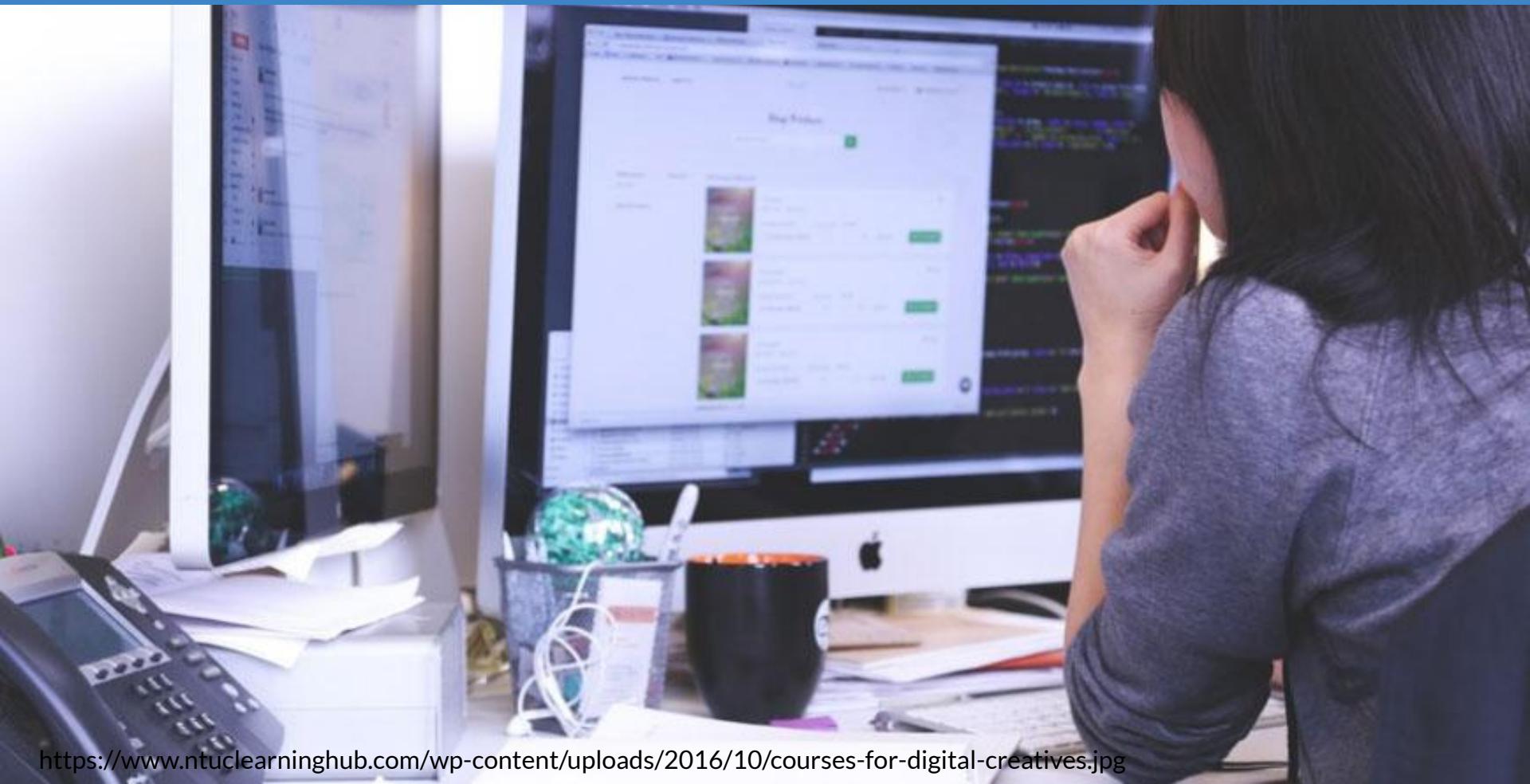


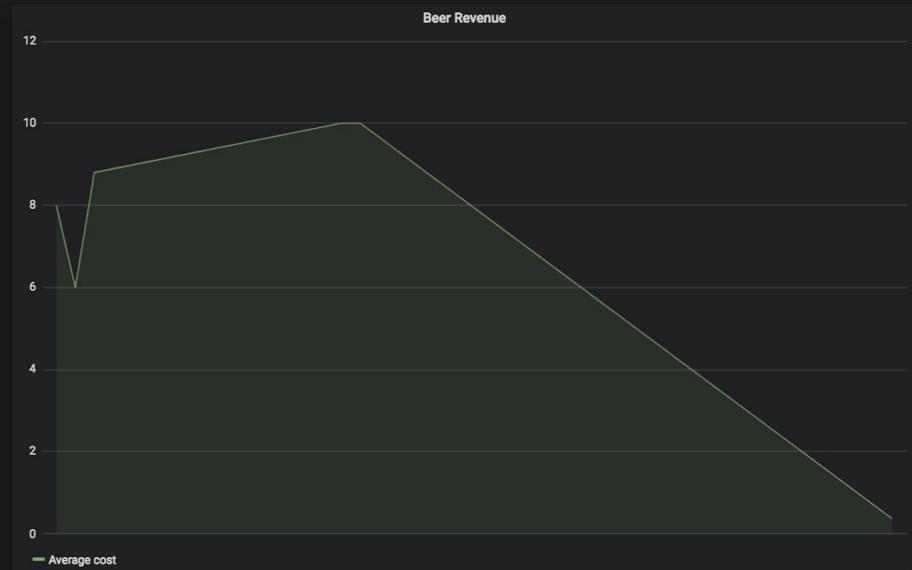
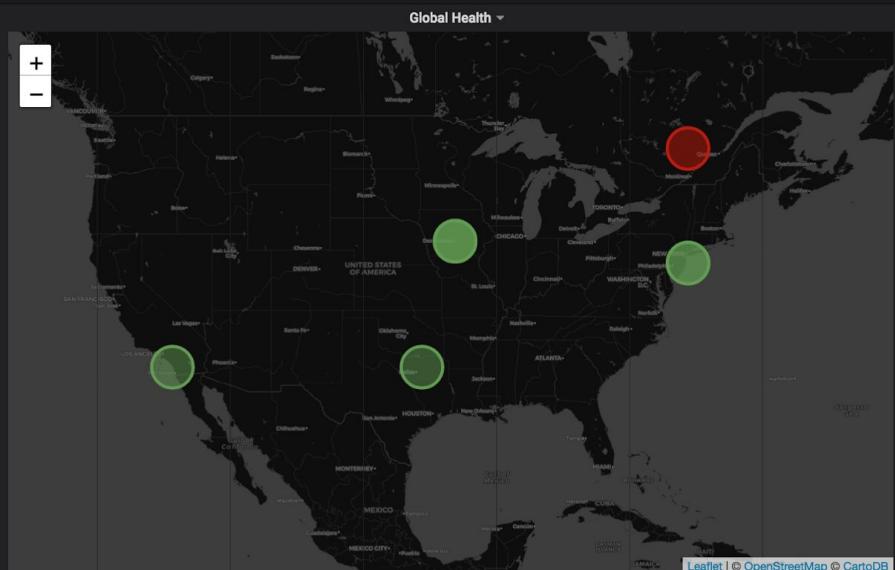


## Scene 3: The Analysis

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Beer Revenue

Beer Sold

Failed Transactions

\$156

33

16



HUH!?

**Given** Ben at the La Piazz bar in Quebec City

**And** Marcus is at his home in Idaho

**When** Marcus purchases a drink for Ben

**Then** the bar tender at La Piazz should provide Ben with a beer

**Given** Ben at the La Piazz bar in Quebec City

**And** Marcus is at his home in Idaho

**When** Marcus purchases a drink for Ben

**Then** the bar tender at La Piazz should provide Ben with a beer



TRANSACTION_ID	PURCHASER_ID	CONSUMER_ID	MERCHANT	AMOUNT	COUNTRY_CODE
10826	6131	4239	La Piazz	8	<i>null</i>

**Given** Ben at the La Piazz bar in Quebec City

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TRANSACTION_ID	PURCHASER_ID	CONSUMER_ID	MERCHANT	AMOUNT	COUNTRY_CODE
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TRANSACTION_ID	PURCHASER_ID	CONSUMER_ID	MERCHANT	AMOUNT	COUNTRY_CODE
10826	6131	4239	La Piazz	8	null

**Given** Ben at the La Piazz bar in Quebec City

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**When** Marcus purchases a drink for Ben

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**ALTER TABLE BEER\_EVENT ADD COUNTRY\_CODE VARCHAR(255);**



TRANSACTION_ID	PURCHASER_ID	CONSUMER_ID	MERCHANT	AMOUNT	COUNTRY_CODE
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@Dustinson

@SkylarRWatson



LIQUI<sup>®</sup> BASE



@Dustinson

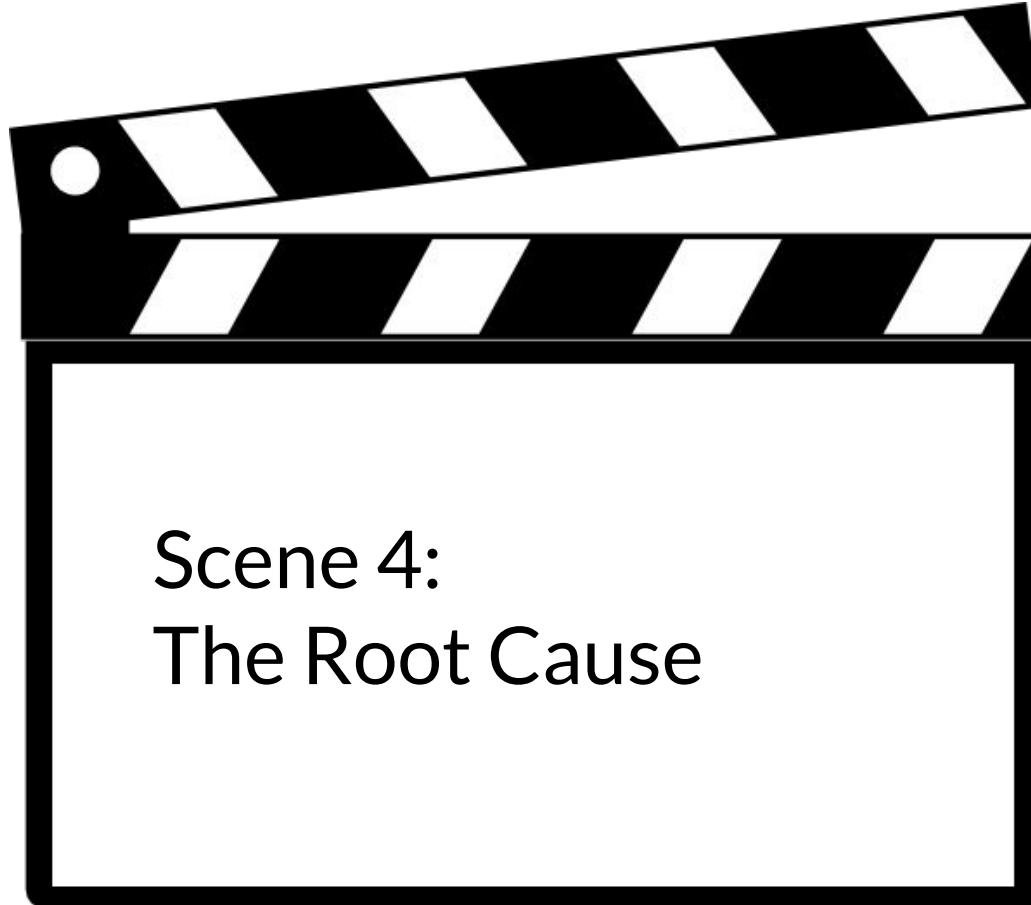
@SkylarRWatson



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@SkylarRWatson





## Scene 4: The Root Cause

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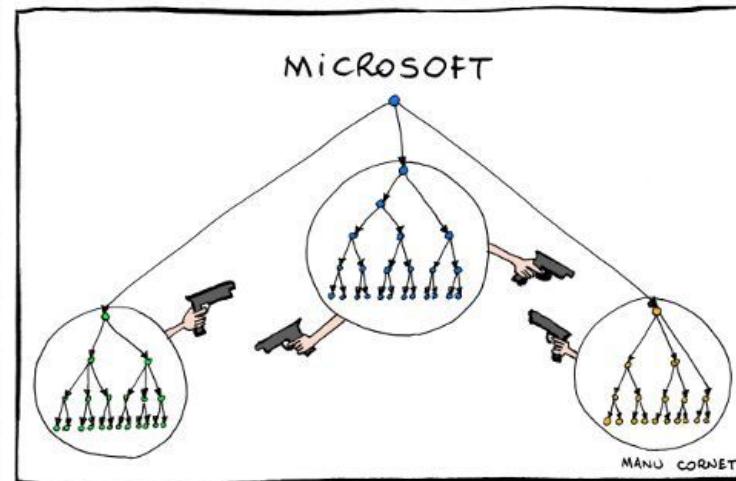
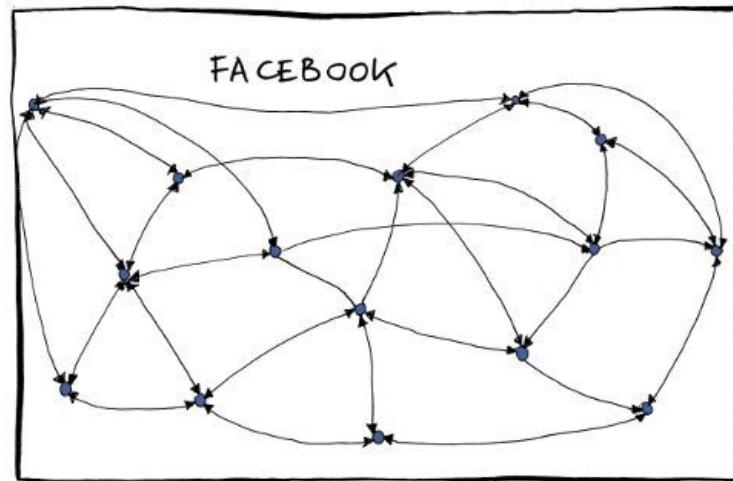
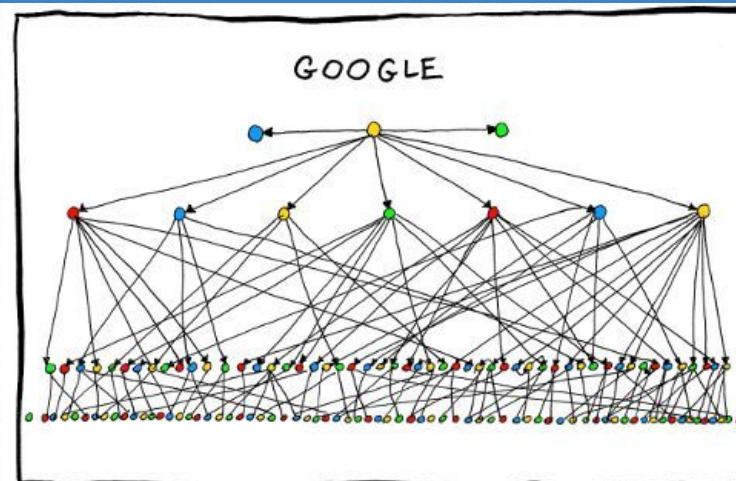
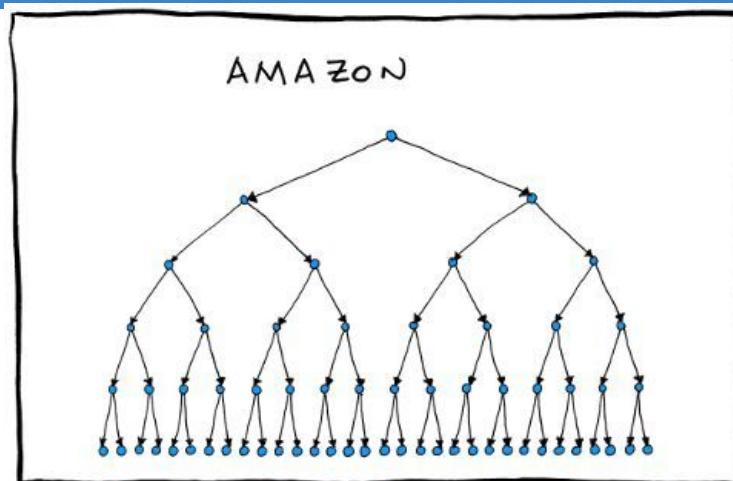
@Dustinson

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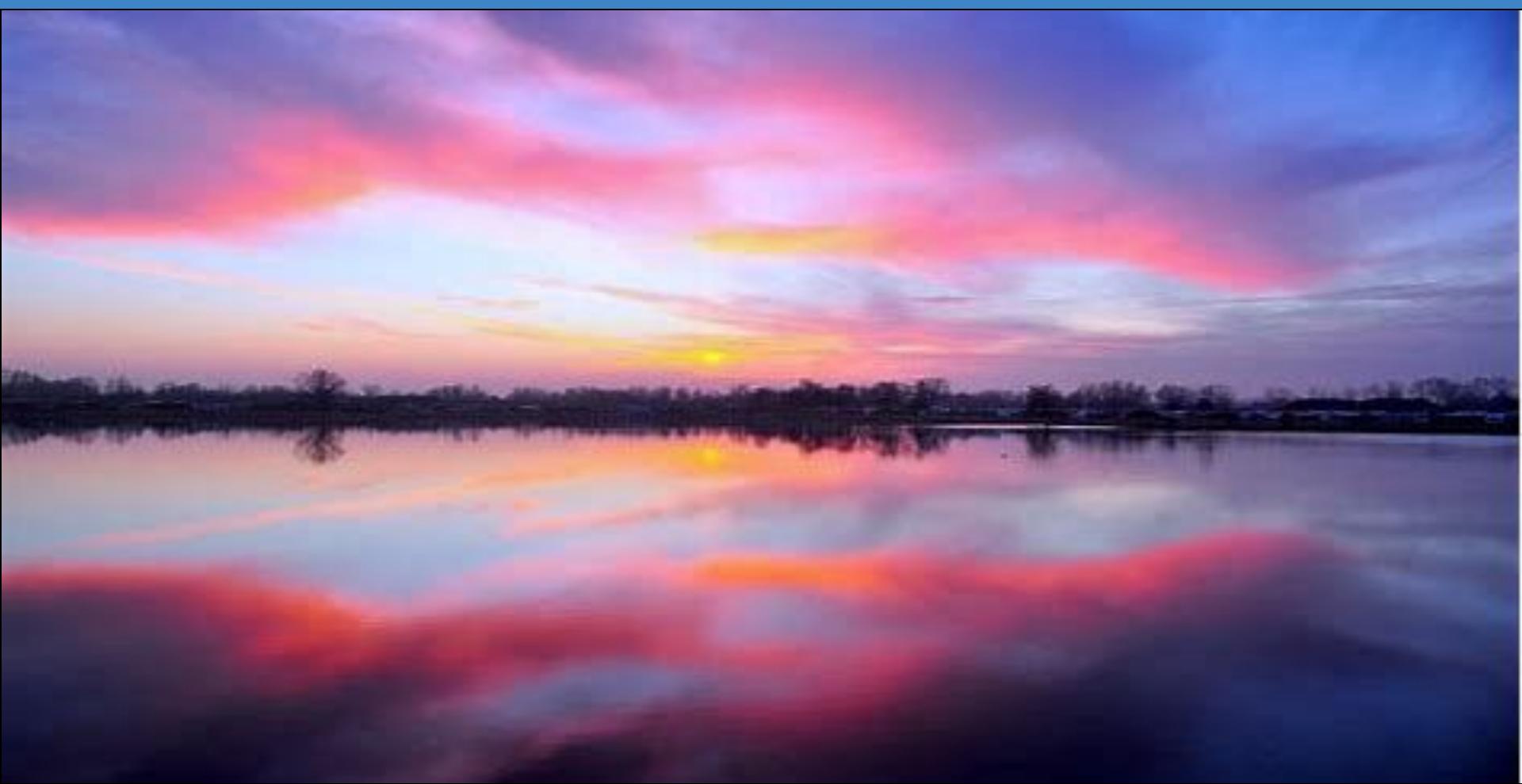
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@Dustinson

@SkylarRWatson



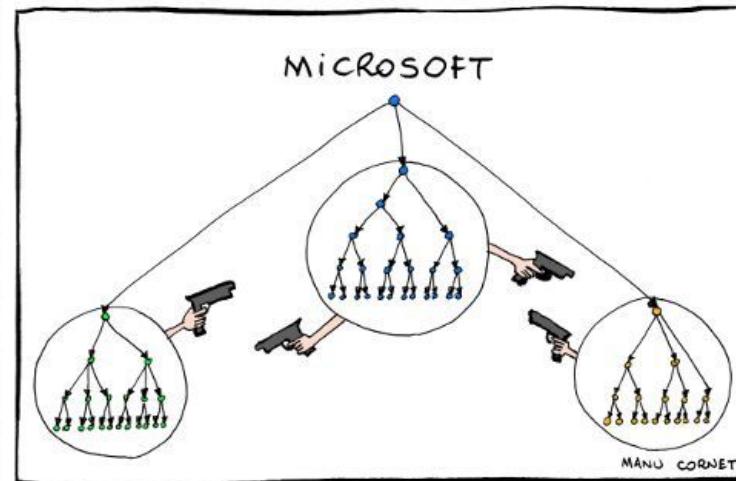
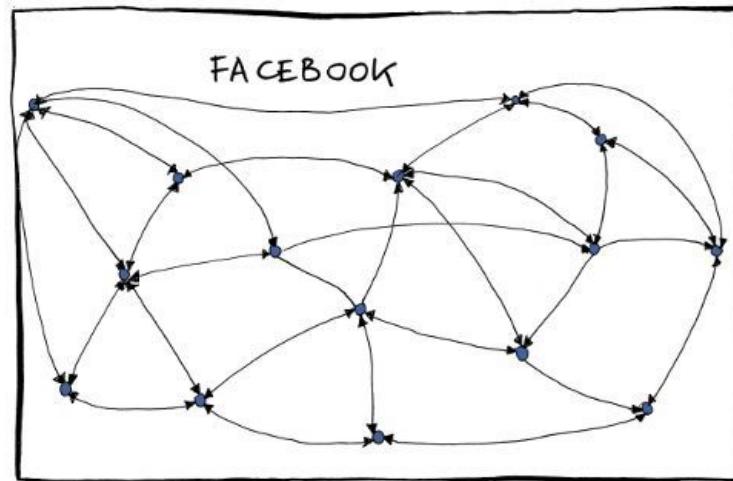
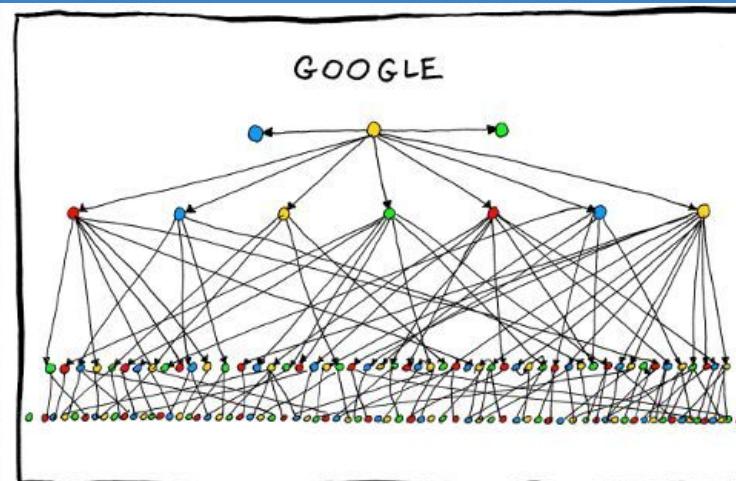
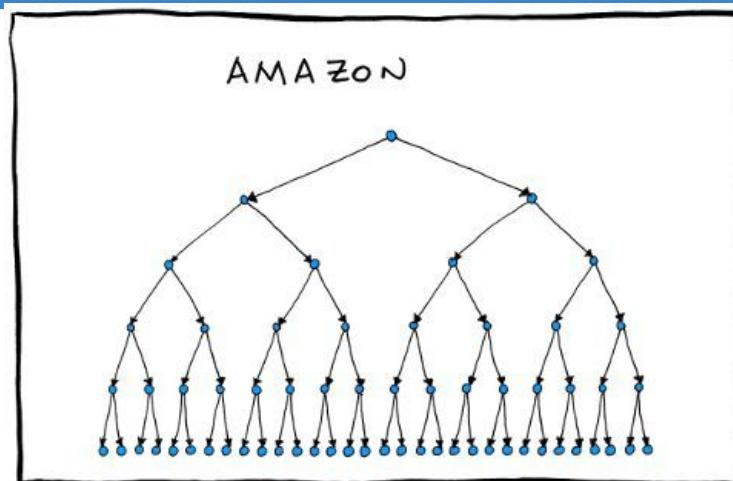
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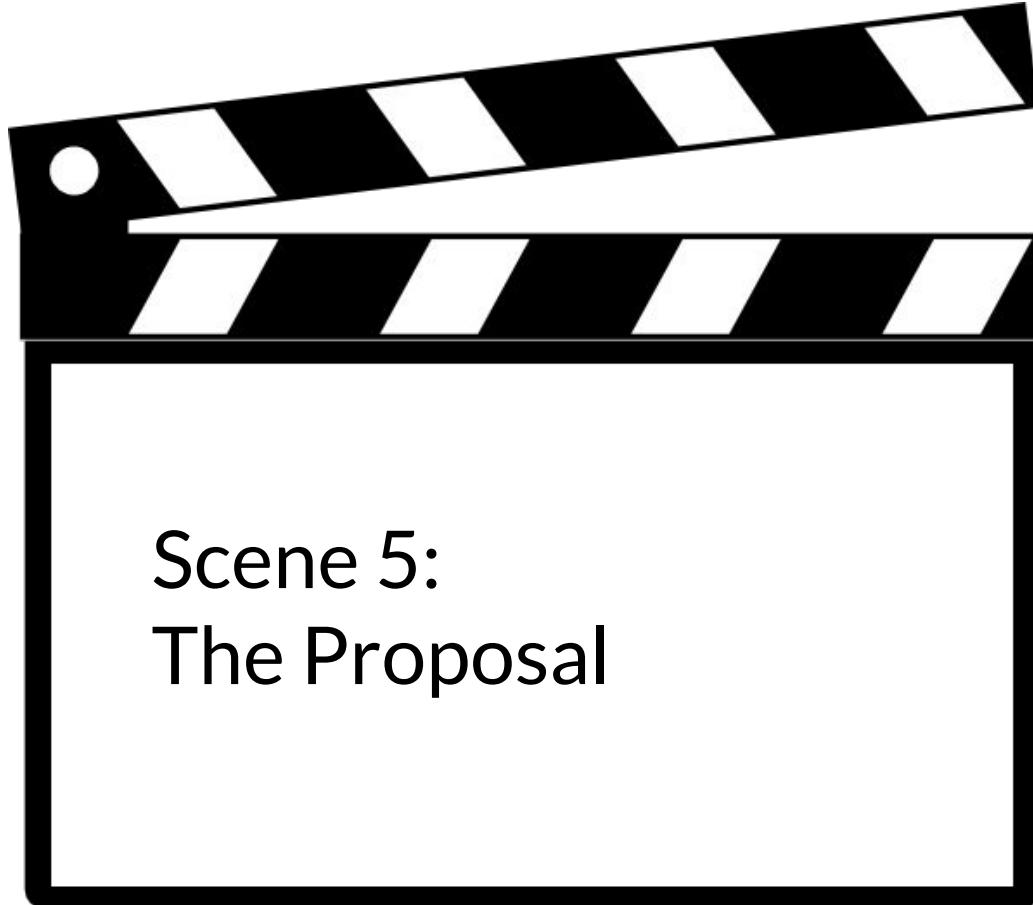
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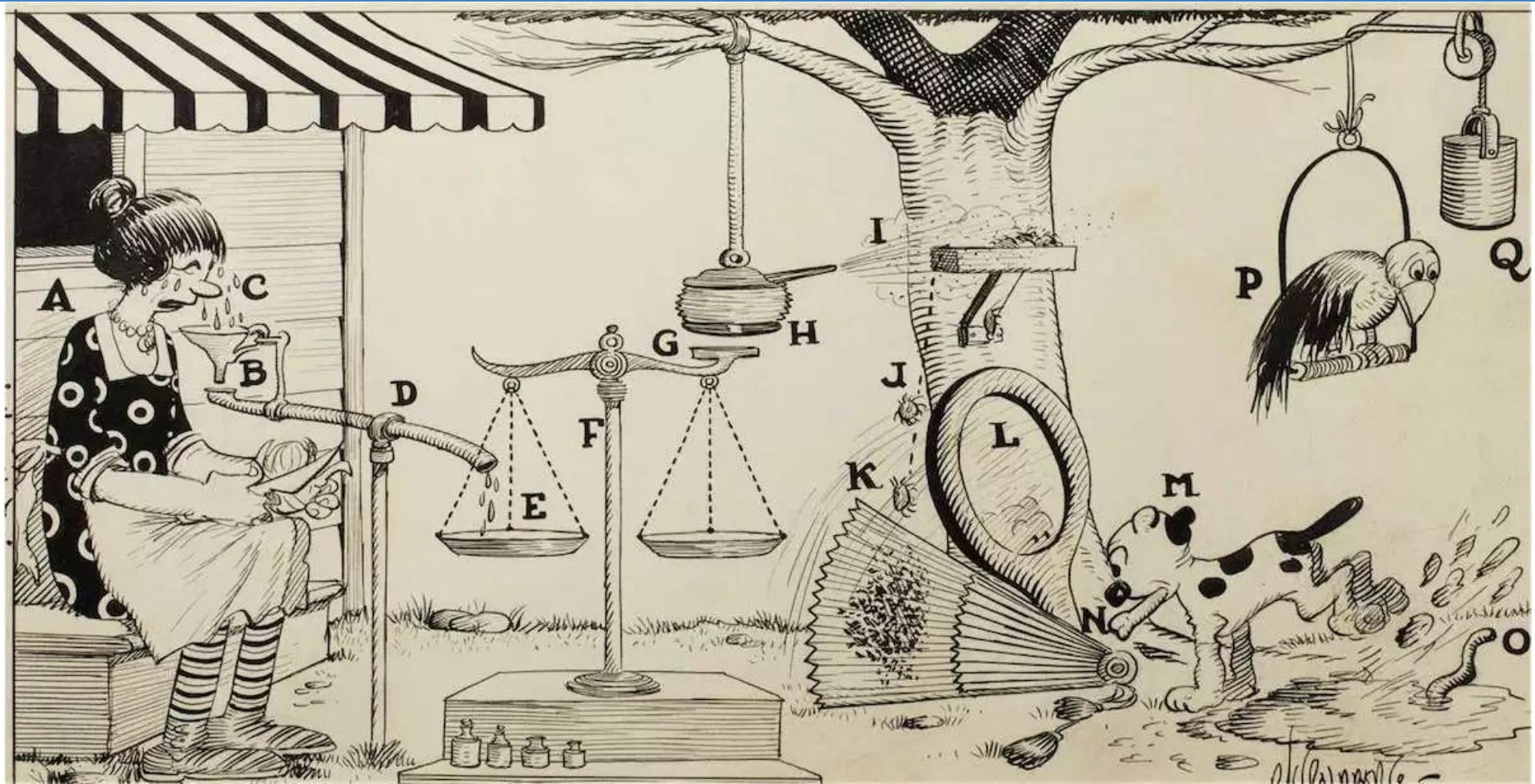
@Dustinson

@SkylarRWatson





## Scene 5: The Proposal

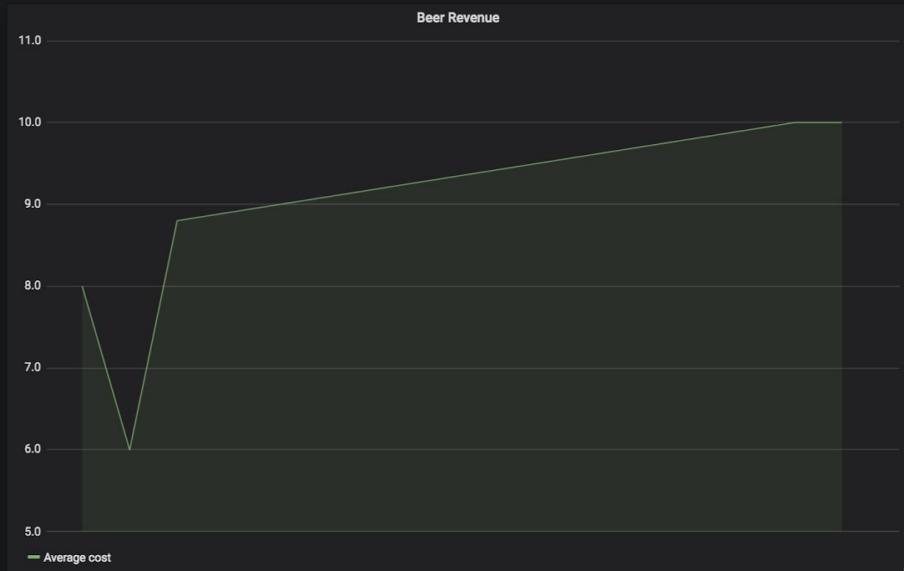
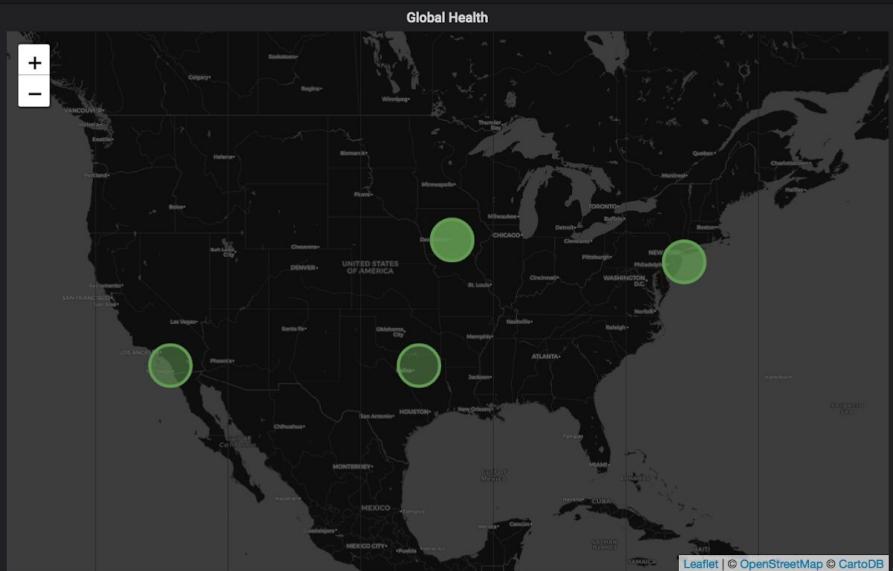


# SWOT ANALYSIS



## billing-rest - Stage View

	Declarative: Checkout SCM	Initialize	Checkout	Build	Publish Reports	SonarQube analysis	ArchiveArtifact	Docker Tag & Push	Deploy - CI	Deploy - QA	Deploy - UAT	Deploy - Production	Declarative: Post Actions
Average stage times: (Average full run time: ~2min 59s)	768ms	1s	799ms	57s	5s	14s	125ms	23s	37ms	32ms	32ms	32ms	792ms
#118 Jul 17 20:58	817ms	1s	690ms	1min 36s	10s	24s	198ms	38s	38ms				1s
#117 Jul 16 15:28	792ms	1s	708ms	1min 36s	8s	23s	179ms	38s	42ms				2s
#116 Jul 15 21:13	672ms	869ms	694ms	1min 33s	10s	24s	183ms	37s	40ms				75ms



\$150

17

1

@Dustinson

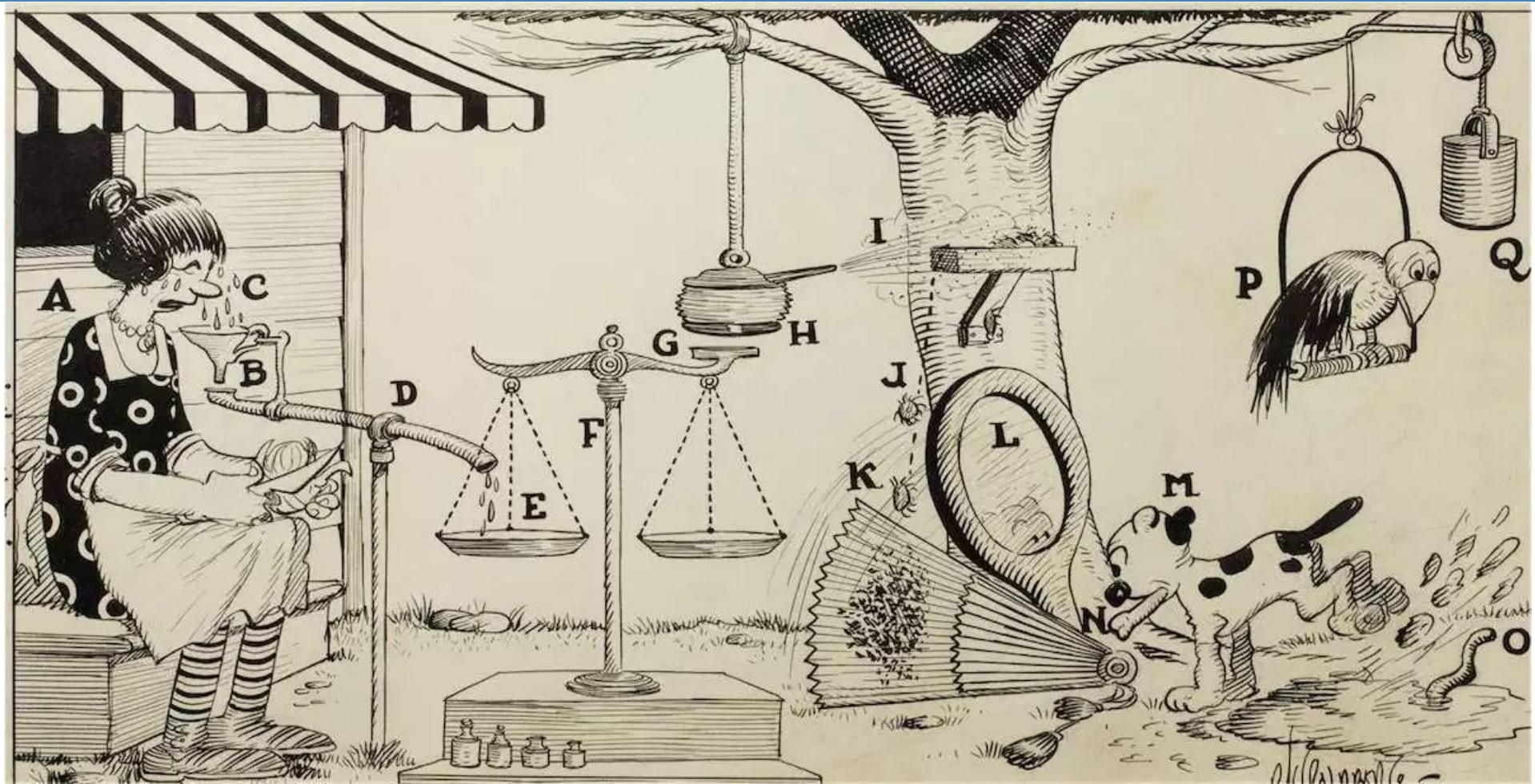
@SkylarRWatson



@Dustinson

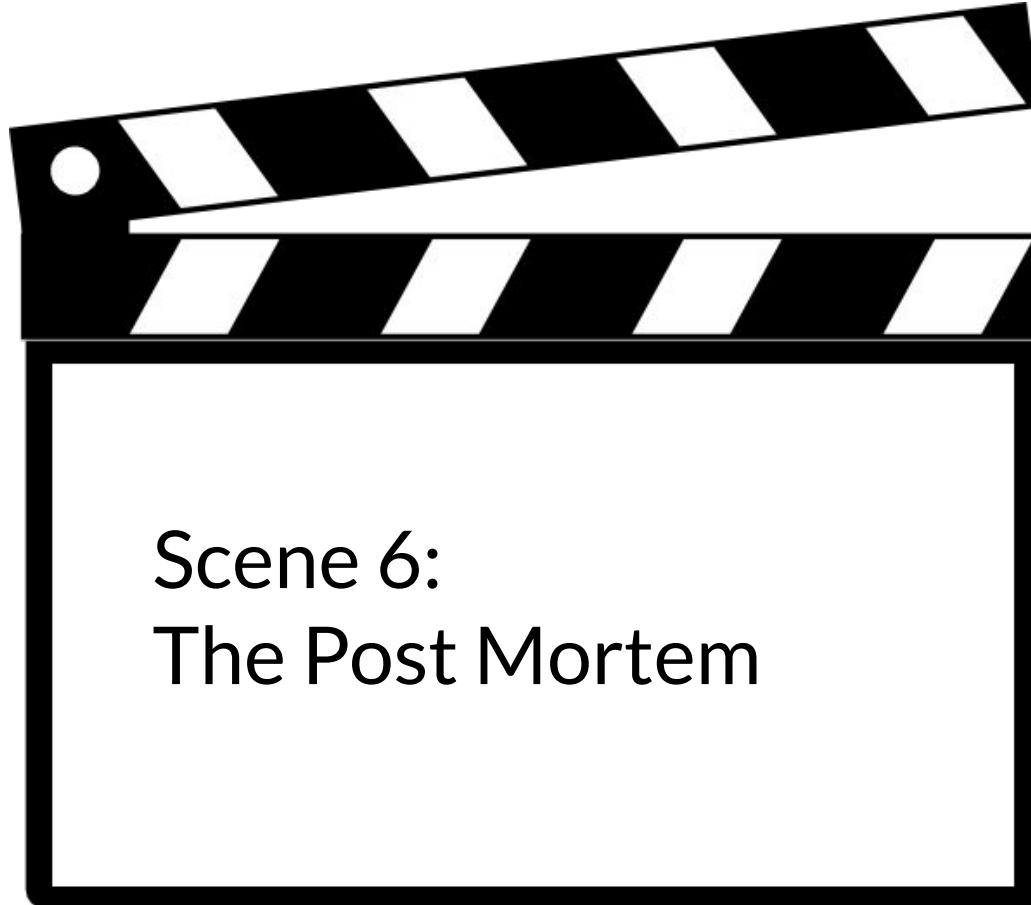
@SkylarRWatson





# SWOT ANALYSIS





## Scene 6: The Post Mortem



Post Mortem Meeting

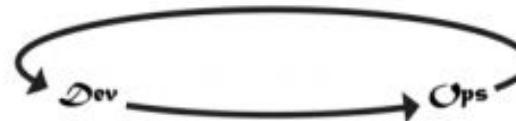
We assert that the Three Ways describe the values and philosophies that frame the processes, procedures, practices of DevOps, as well as the prescriptive steps.

Gene Kim

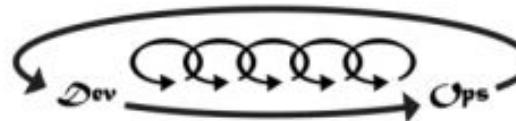
#### The First Way: Systems Thinking



#### The Second Way: Amplify Feedback Loops



#### The Third Way: Culture Of Continual Experimentation And Learning



SPECIFIC  
MEASURABLE  
ACHIEVABLE  
RELEVANT  
TIMELY

@Dustinson

@SkylarRWatson



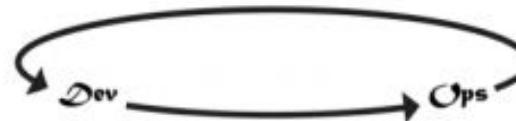
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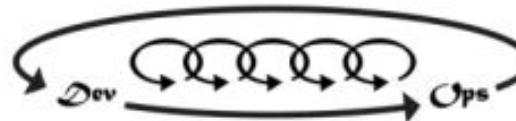
The First Way:  
Systems Thinking



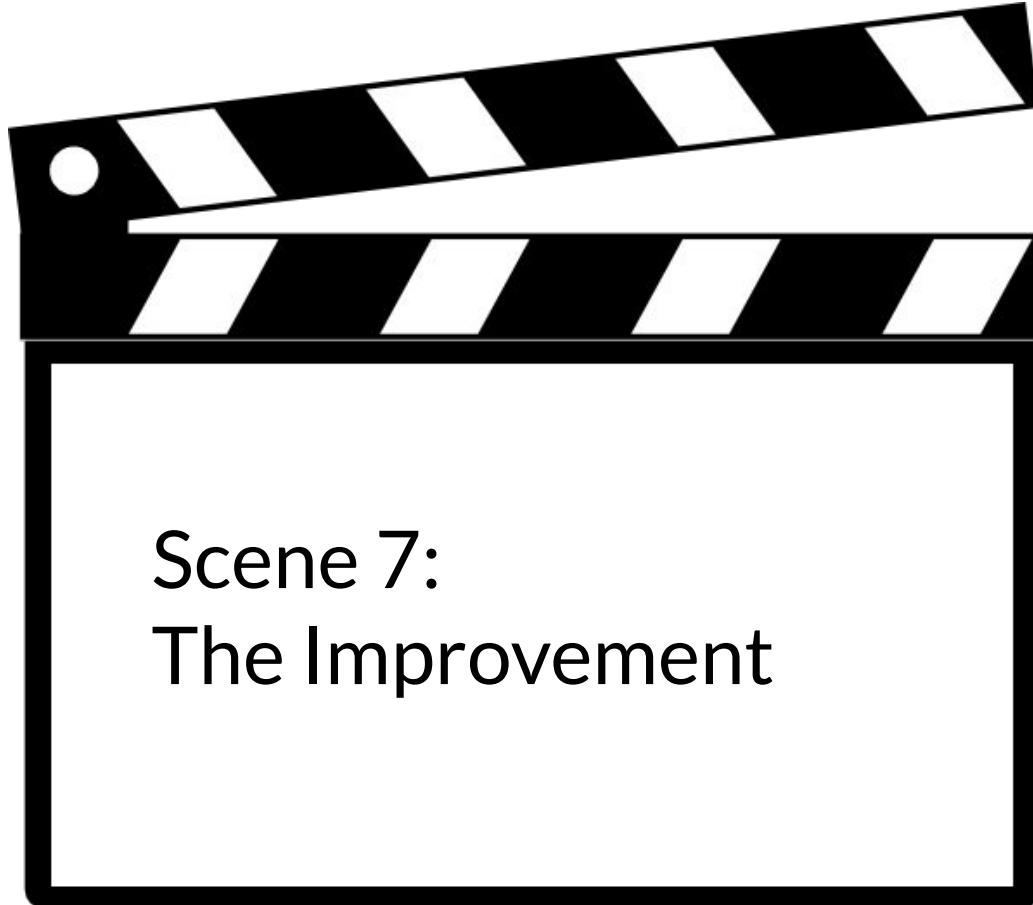
The Second Way:  
Amplify Feedback Loops



The Third Way:  
Culture Of Continual Experimentation And Learning

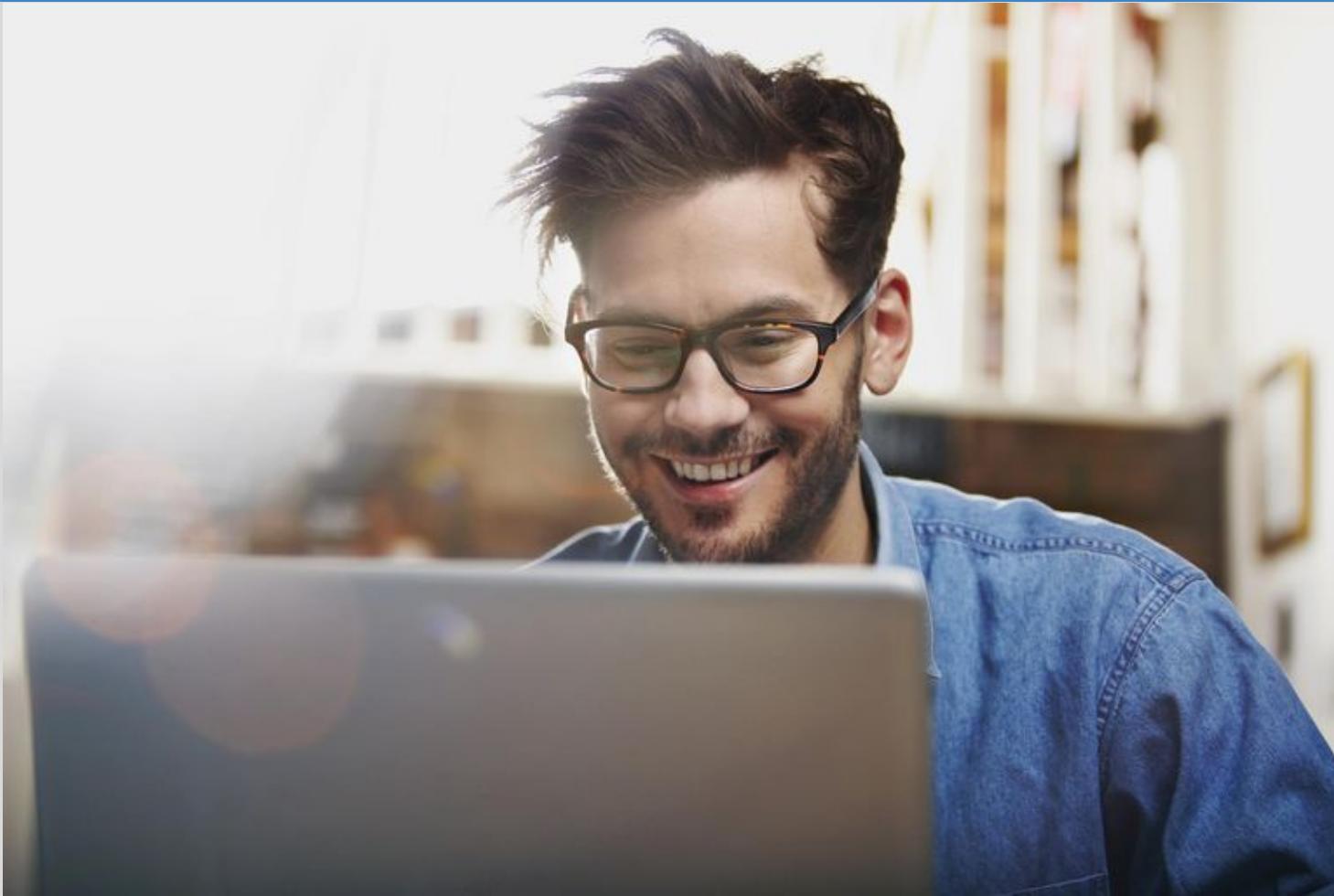


SPECIFIC  
MEASURABLE  
ACHIEVABLE  
RELEVANT  
TIMELY

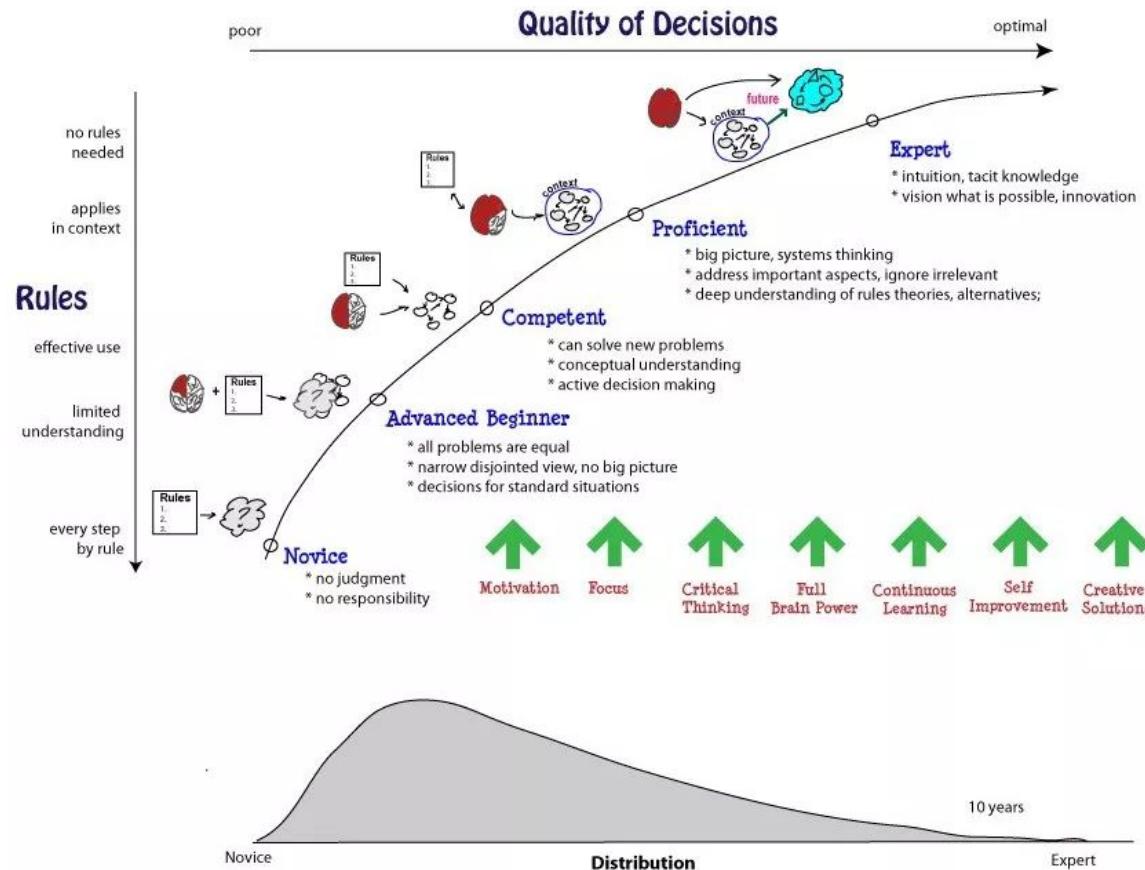


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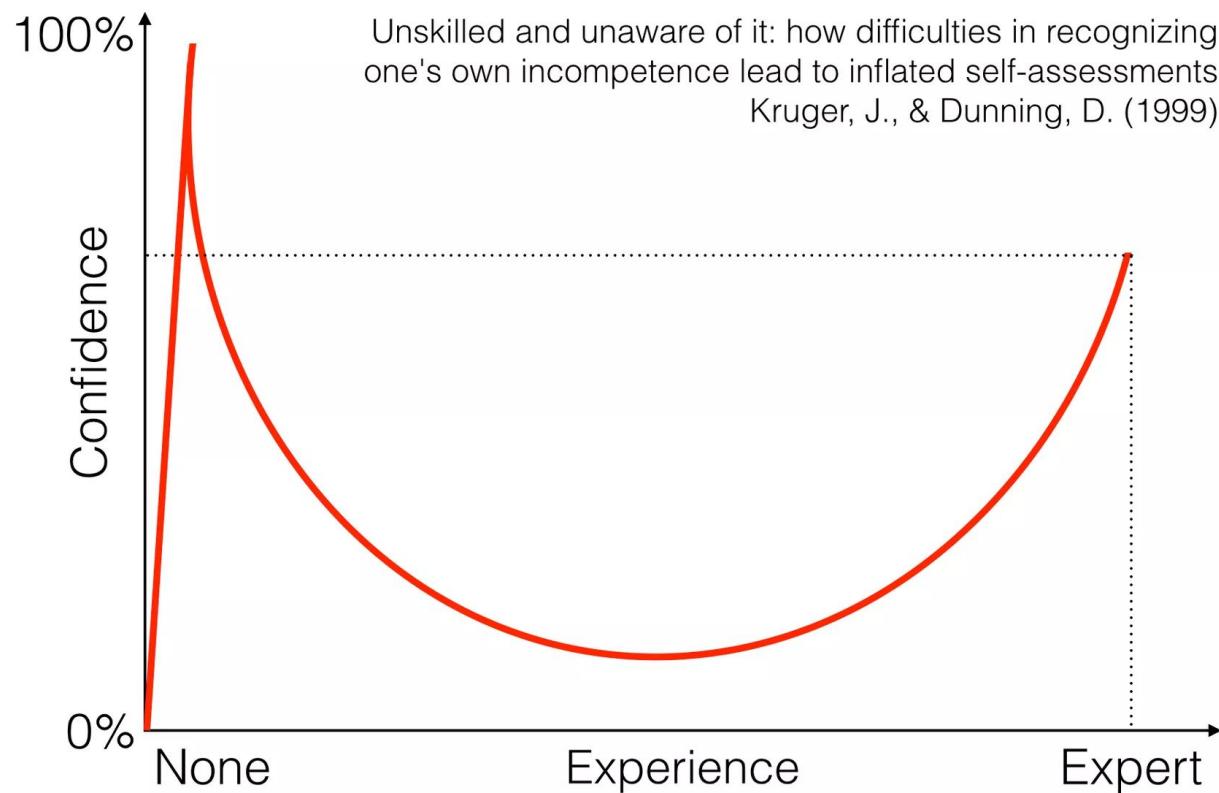
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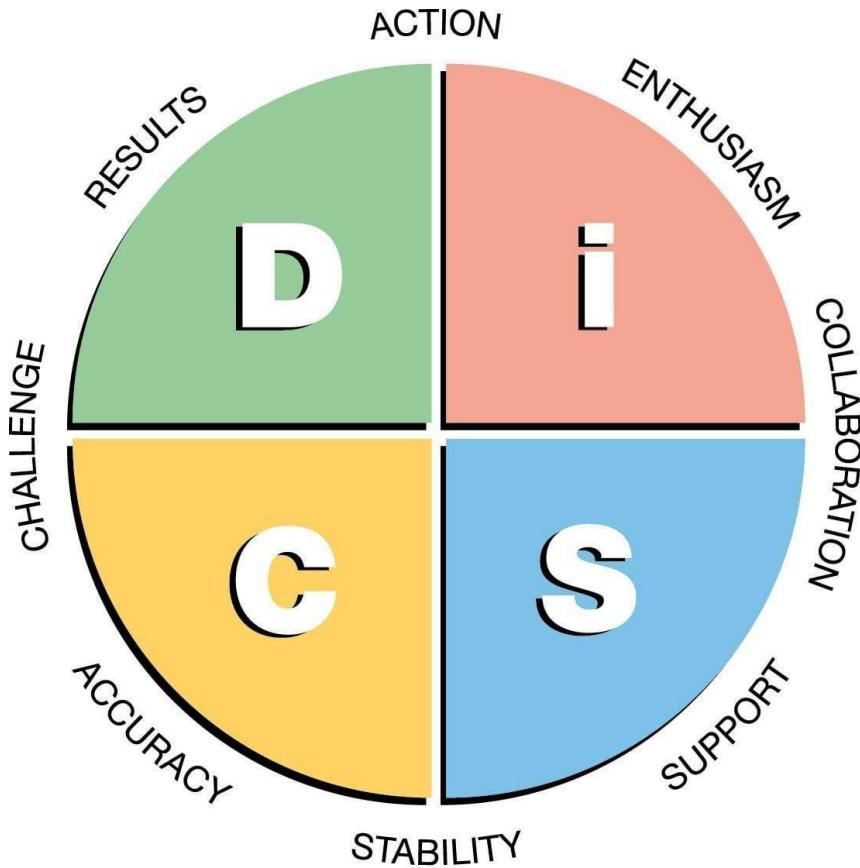


## Genesis of The Expert

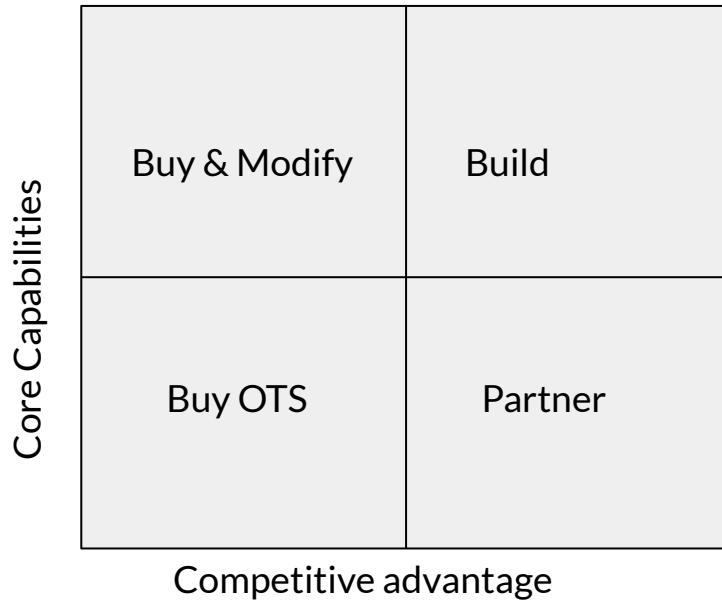


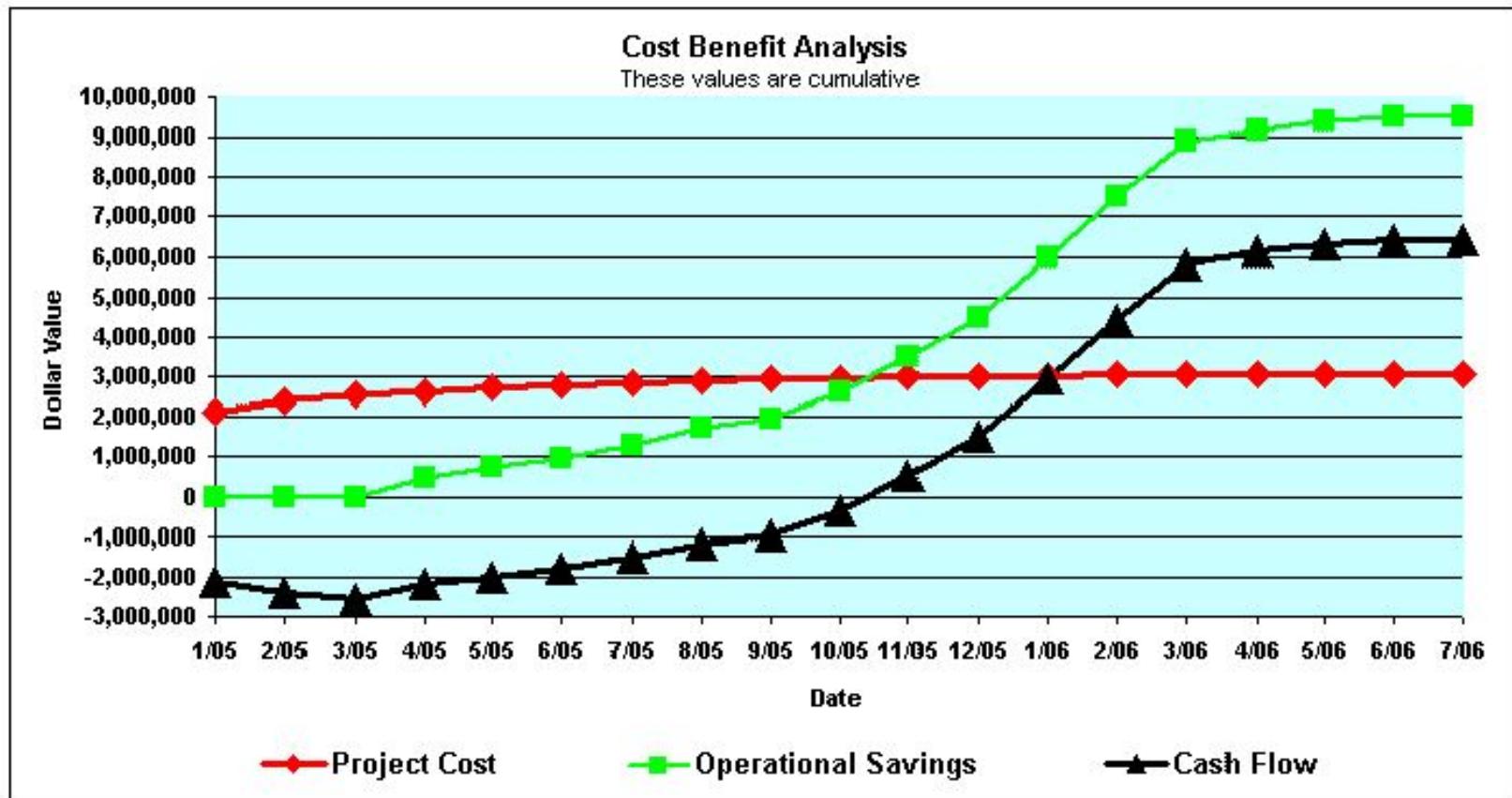
# Dunning-Kruger Effect





# Build vs Buy



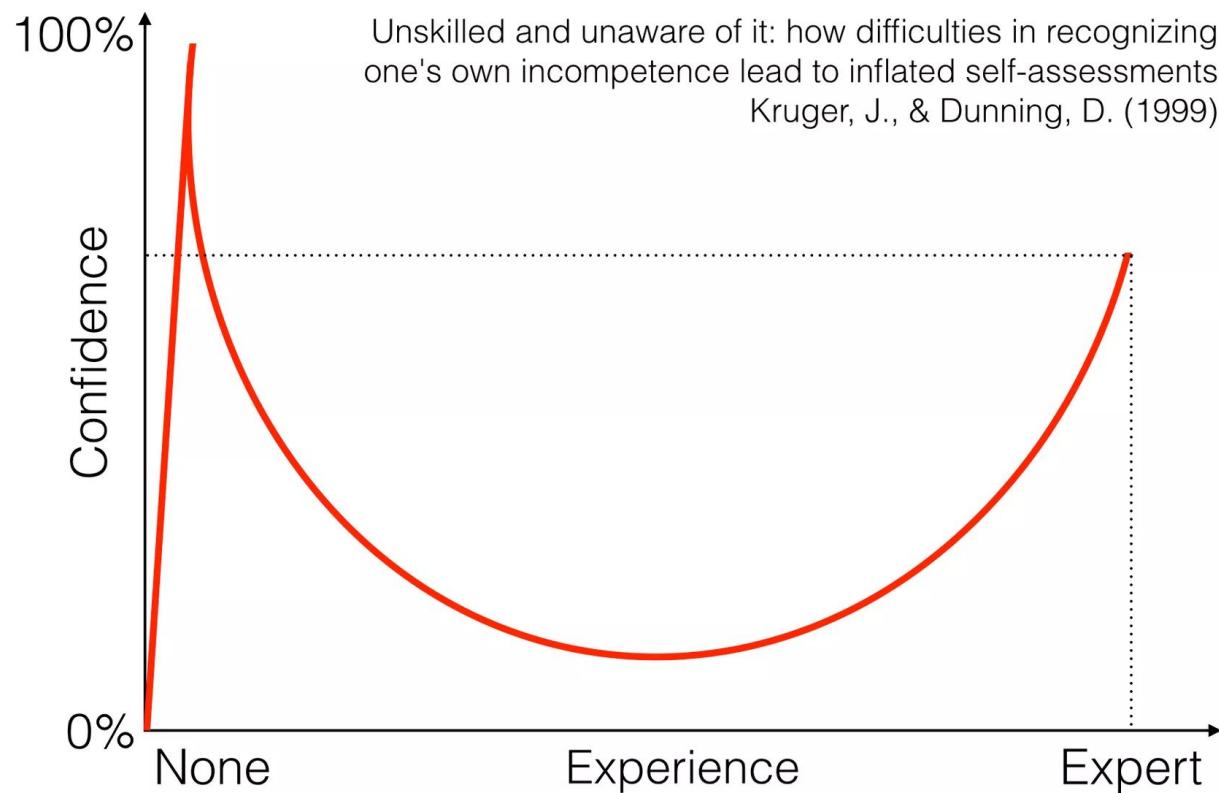


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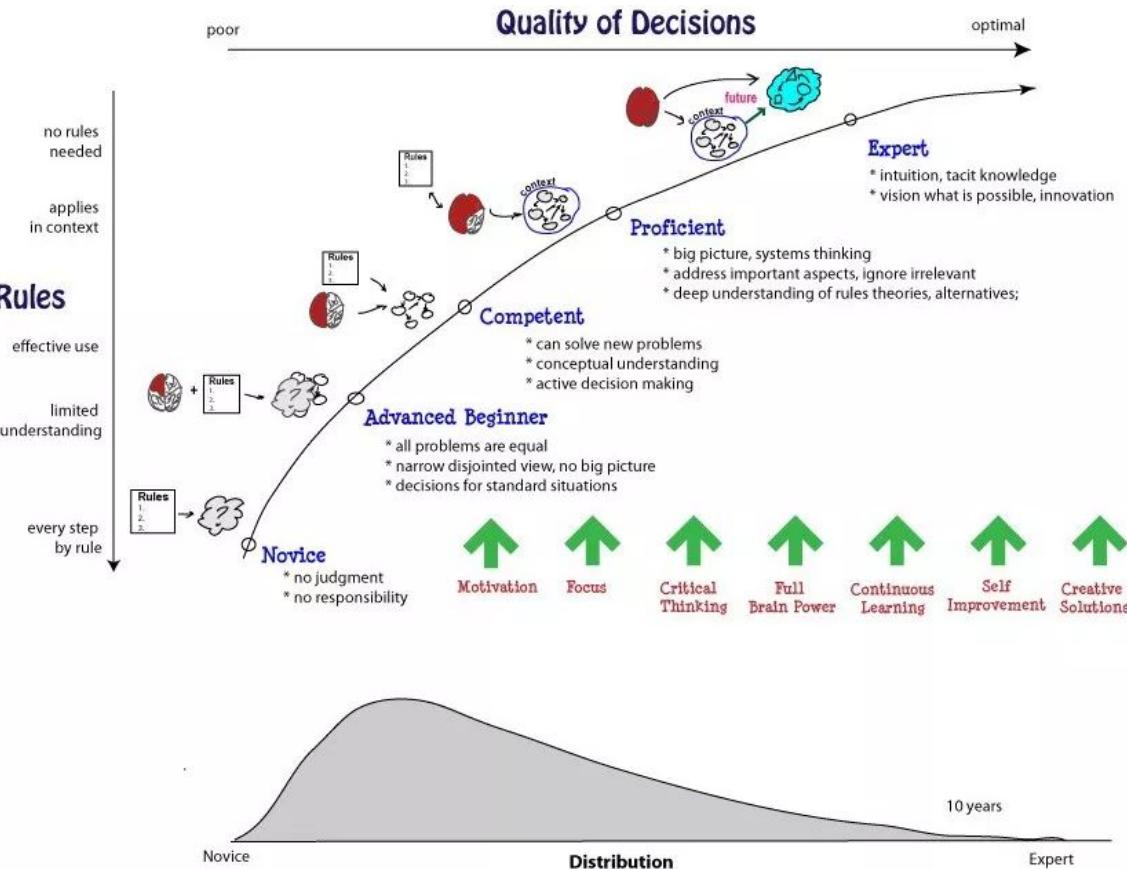
@SkylarRWatson

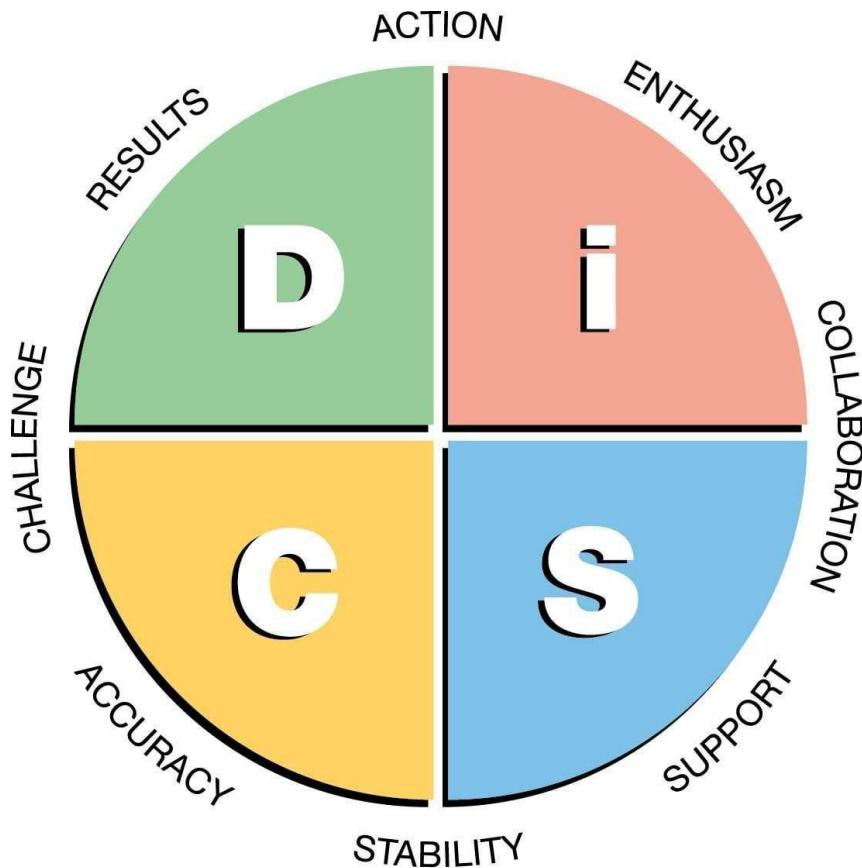


# Dunning-Kruger Effect

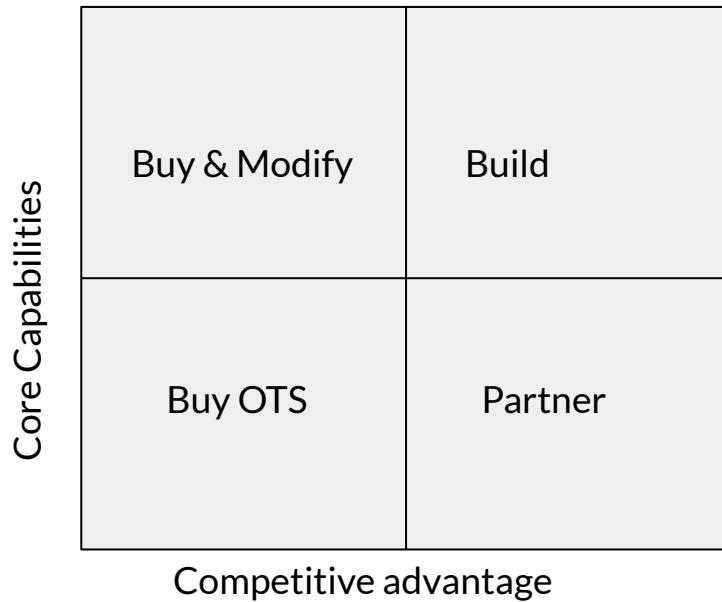


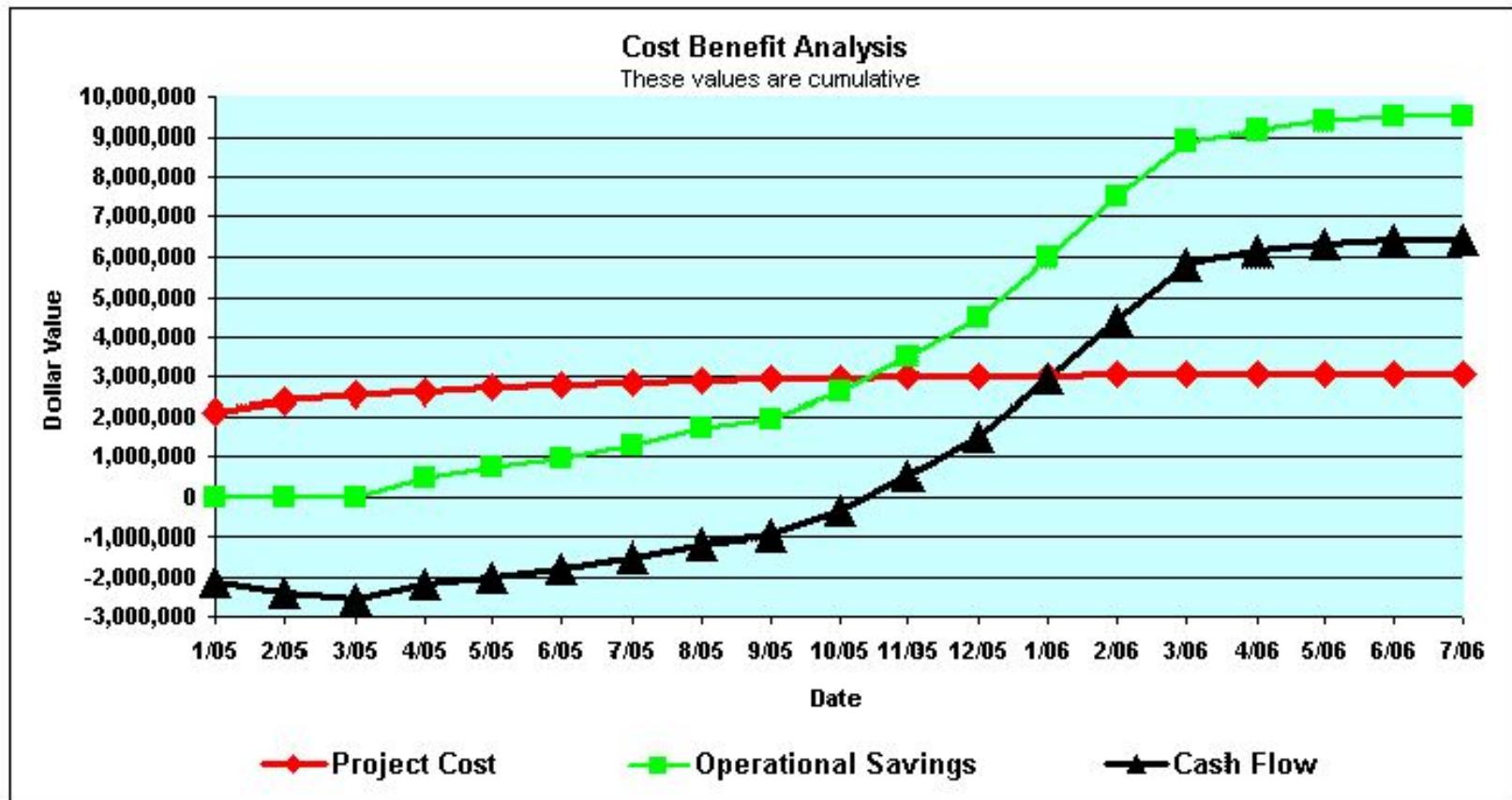
## Genesis of The Expert





# Build vs Buy





# What just happened?





**Argument is War**

**Time is Money**

@Dustinson



@SkylarRWatson

