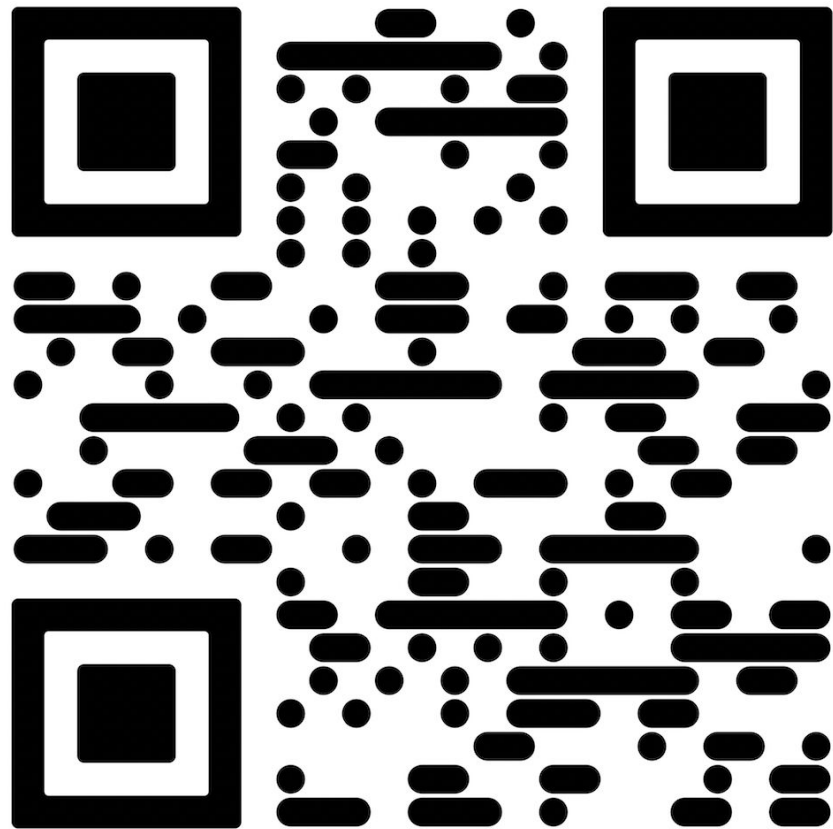
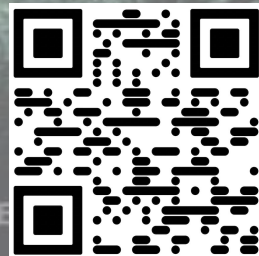


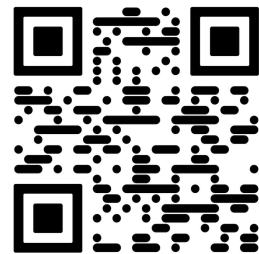
Modeling Better Decisions

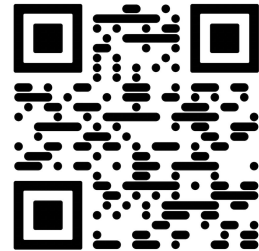
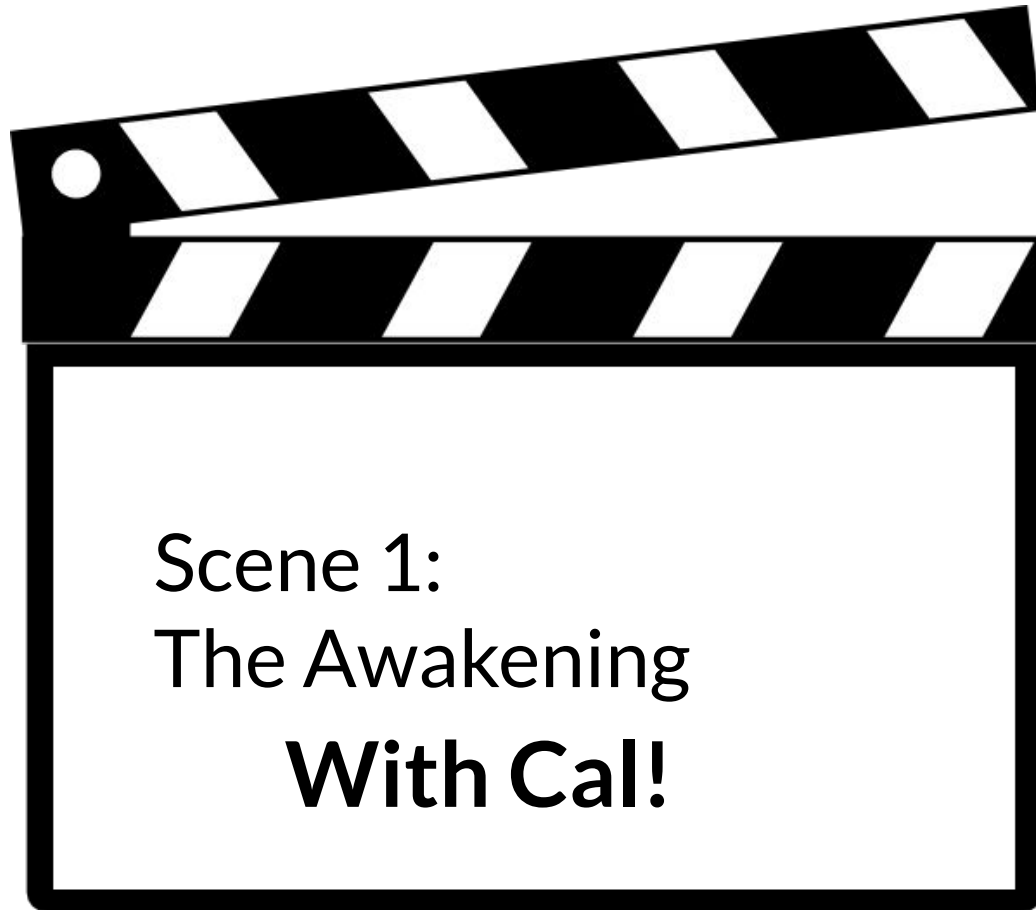
Dustin Thostenson & Skylar Watson



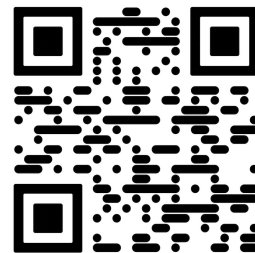
LET ME TELL YOU
WHY YOU'RE HERE...





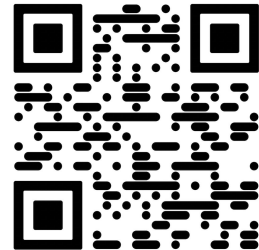


The Awakening





The Website Is Down - Sales Guy vs. Web Dude



Pathological (power-oriented)

Bureaucratic (rule-oriented)

Generative (performance-oriented)

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

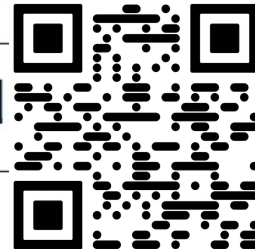
Failure leads to justice

Failure leads to enquiry

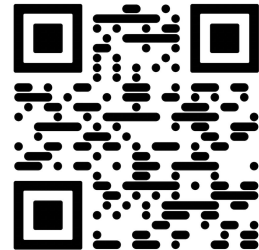
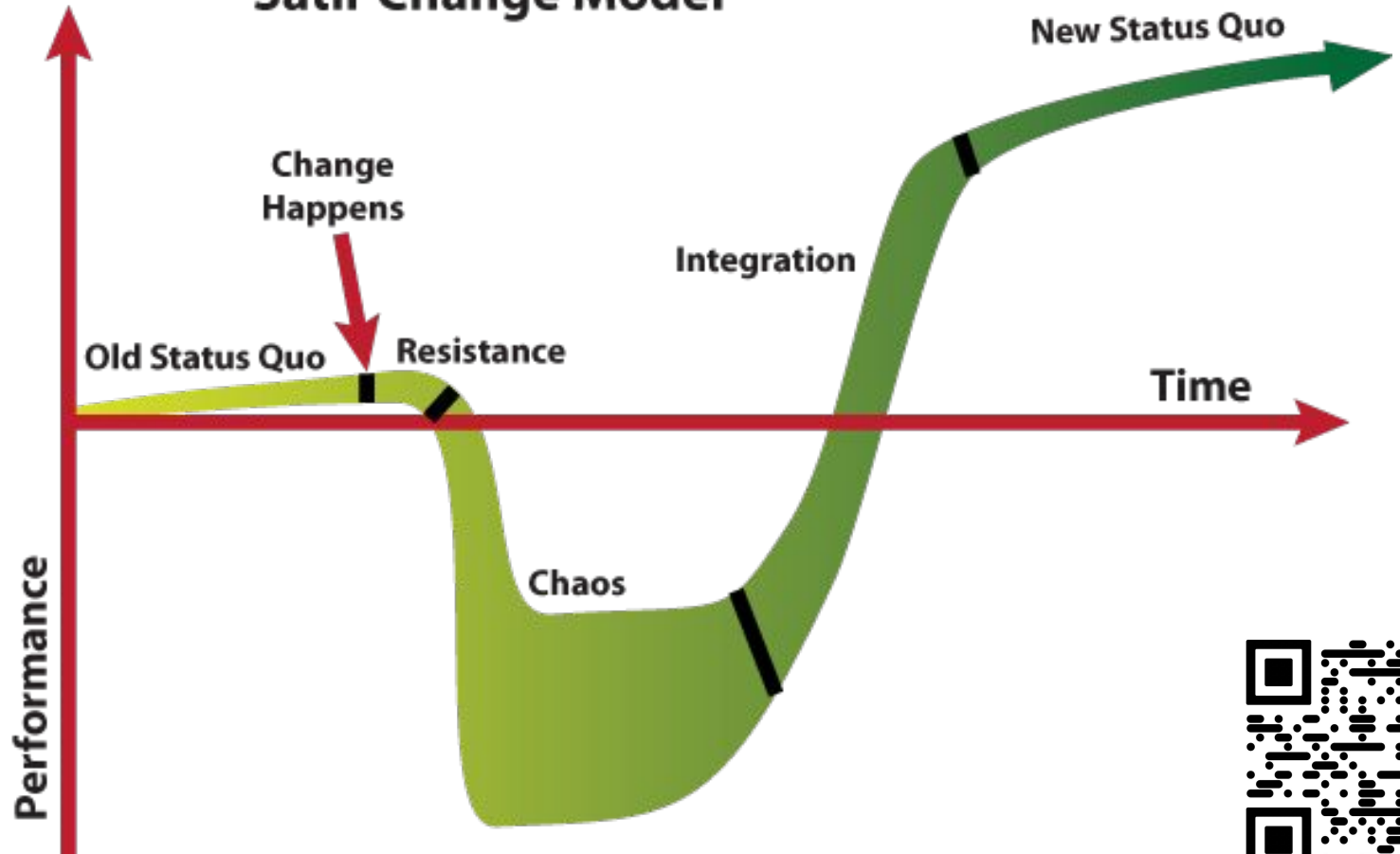
Novelty crushed

Novelty leads to problems

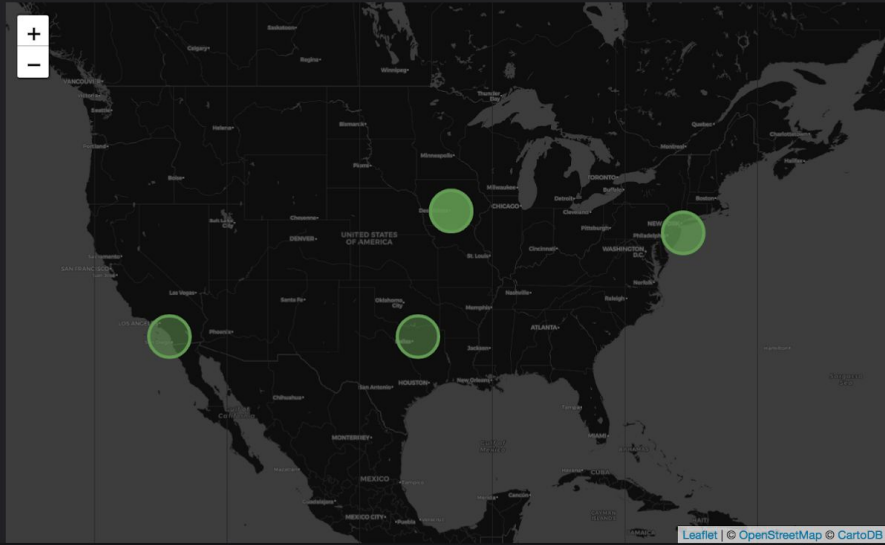
Novelty implemented



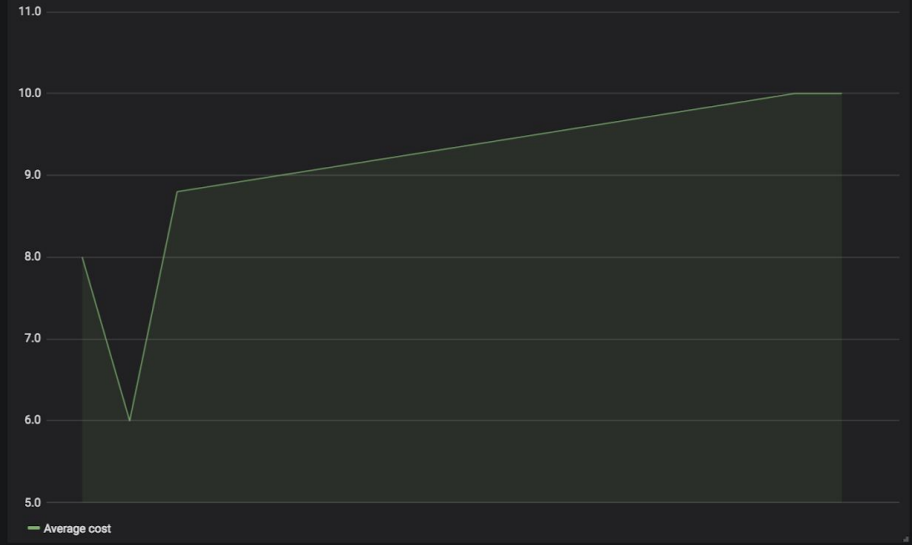
Satir Change Model



Global Health



Beer Revenue



Beer Revenue

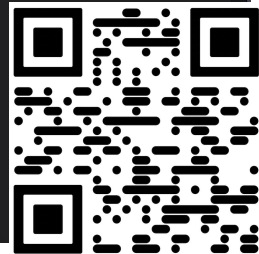
\$150

Beer Sold

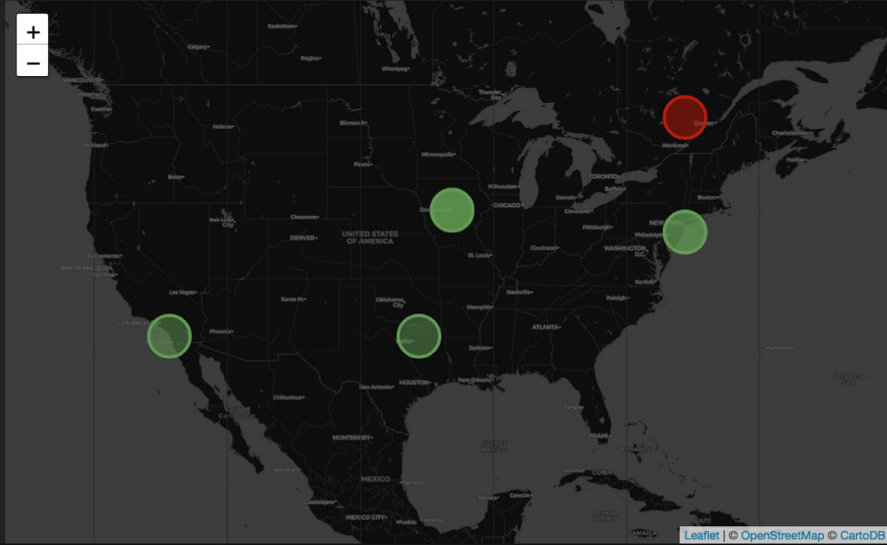
17

Failed Transactions

1



Global Health



Beer Revenue



Beer Revenue

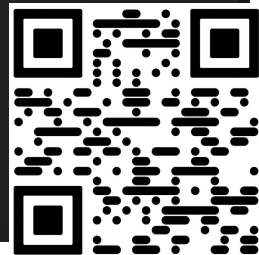
\$156

Beer Sold

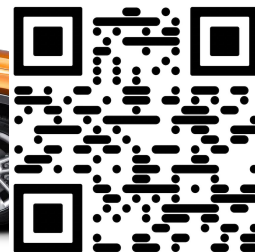
33

Failed Transactions

16

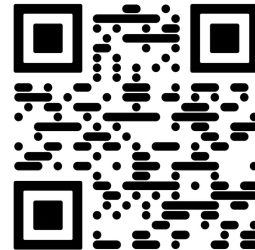


Getting To Work

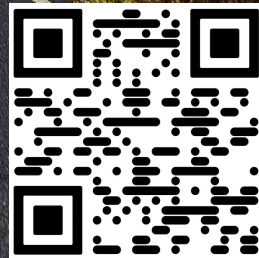


Eisenhower Model

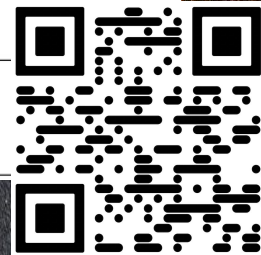
	URGENT	NOT URGENT
IMPORTANT		
NOT IMPORTANT		



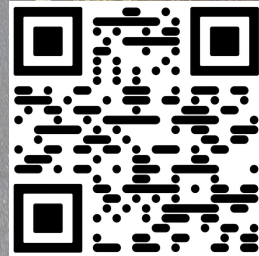
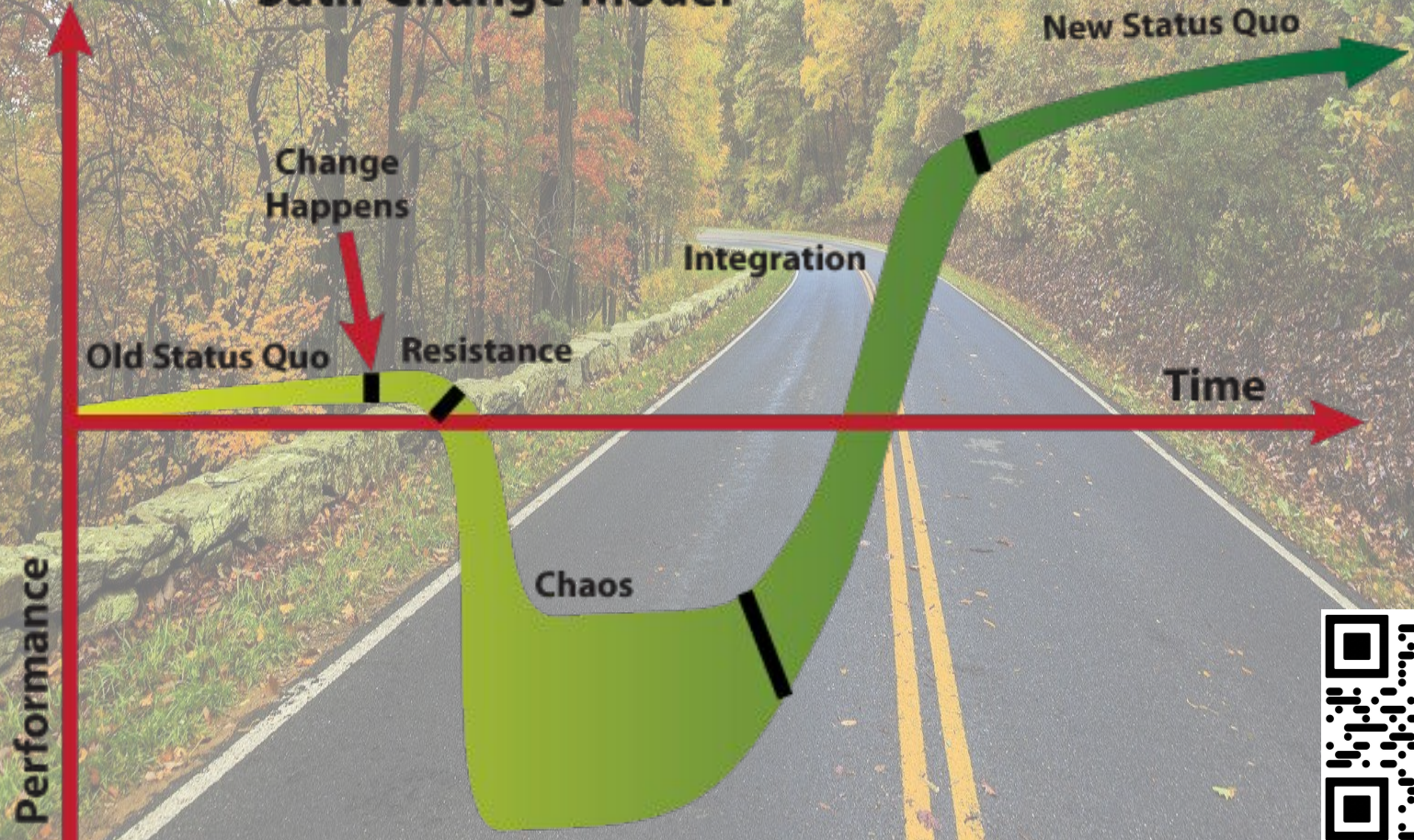
Scene 1 Reflect



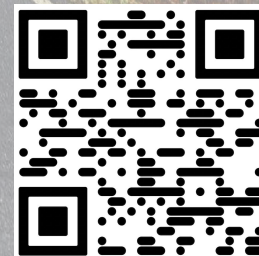
Pathological (power-oriented)	Bureaucratic (rule-oriented)	Generative (performance-oriented)
Low cooperation	Modest cooperation	High cooperation
Messengers shot	Messengers neglected	Messengers trained
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Bridging discouraged	Bridging tolerated	Bridging encouraged
Failure leads to scapegoating	Failure leads to justice	Failure leads to enquiry
Novelty crushed	Novelty leads to problems	Novelty implemented



Satir Change Model



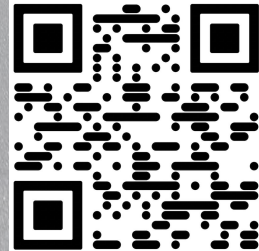
Eisenhower Model



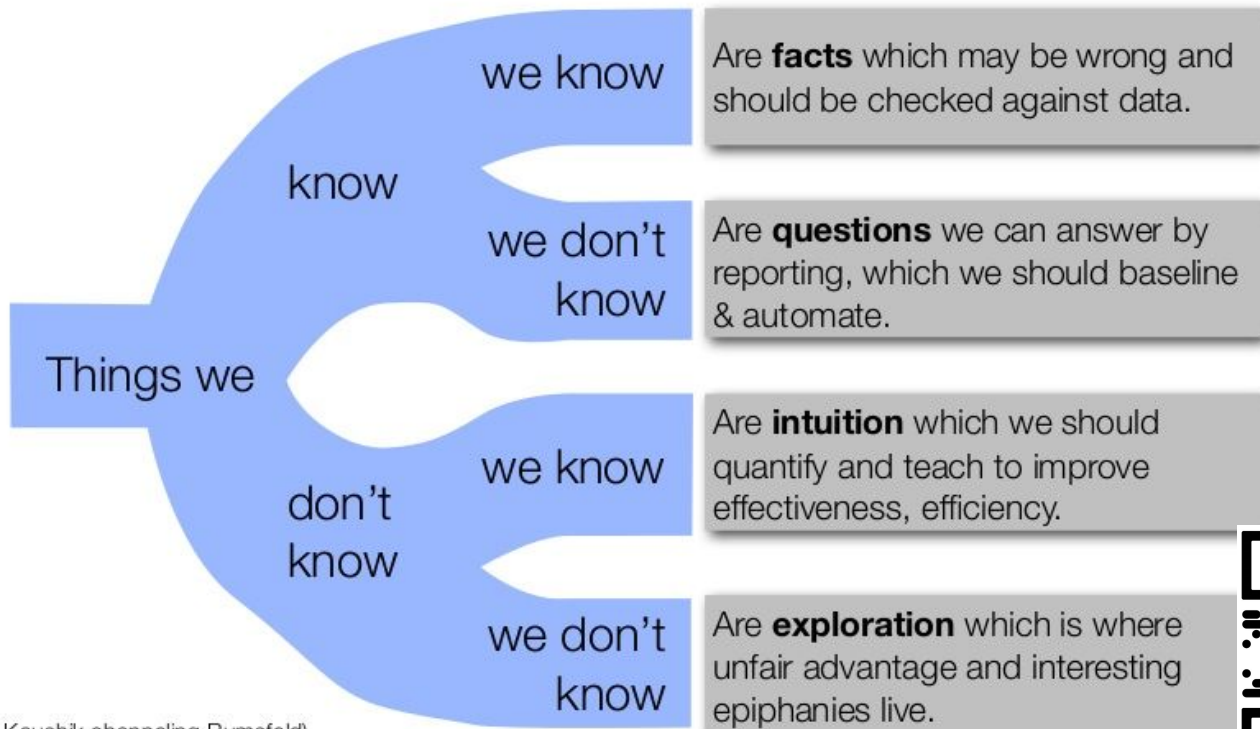
There are known knowns. These are things we know that we know. There are known unknowns. That is to say, there are things that we know we don't know. But there are also unknown unknowns. There are things we don't know we don't know.



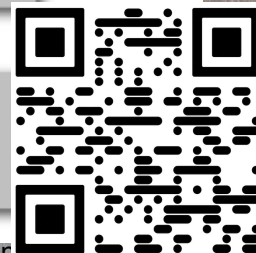
[Donald Rumsfeld](#)

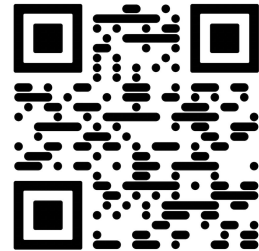
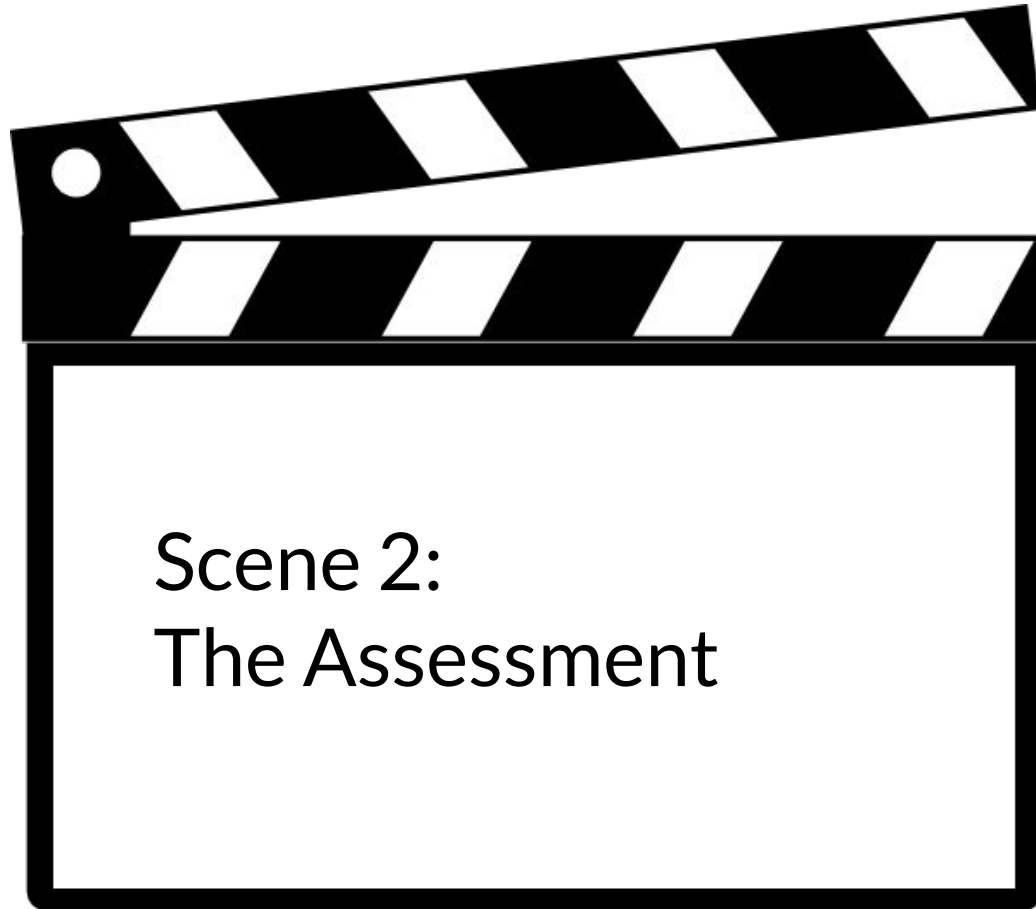


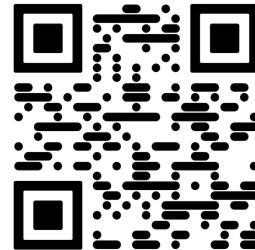
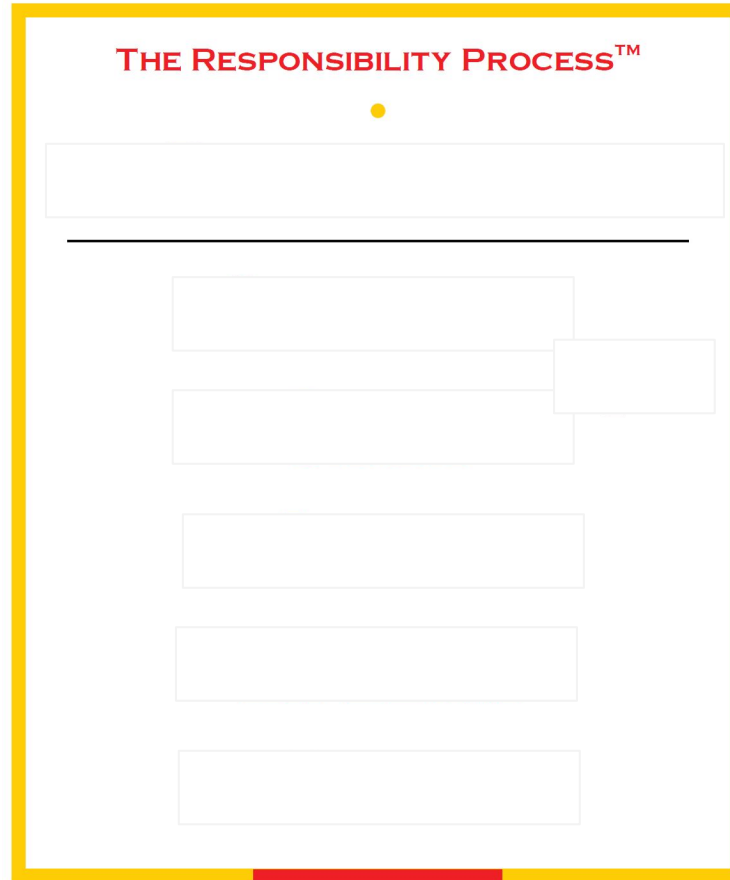
Rumsfeld on Analytics



(Or rather, Avinash Kaushik channeling Rumsfeld)



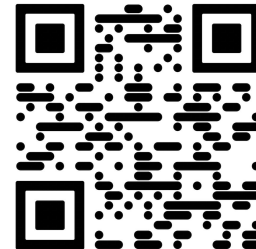


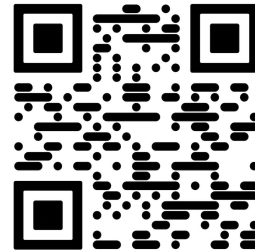
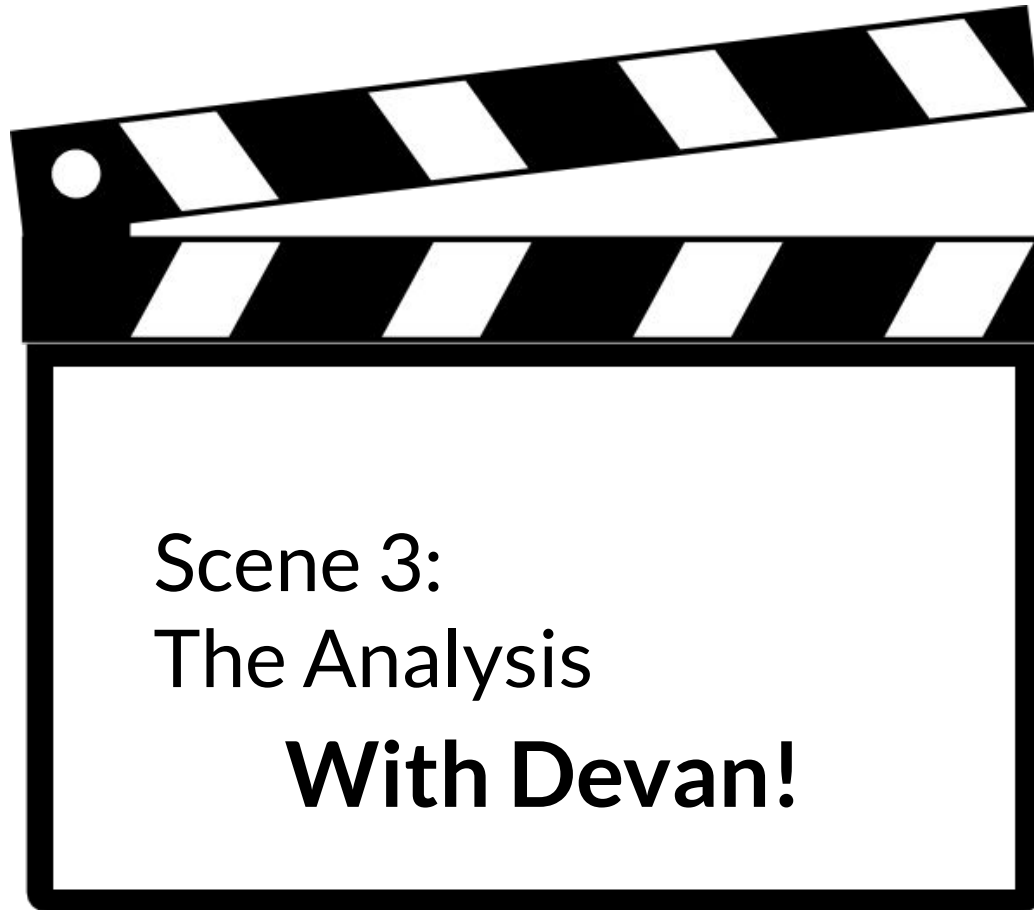


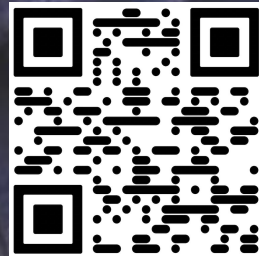
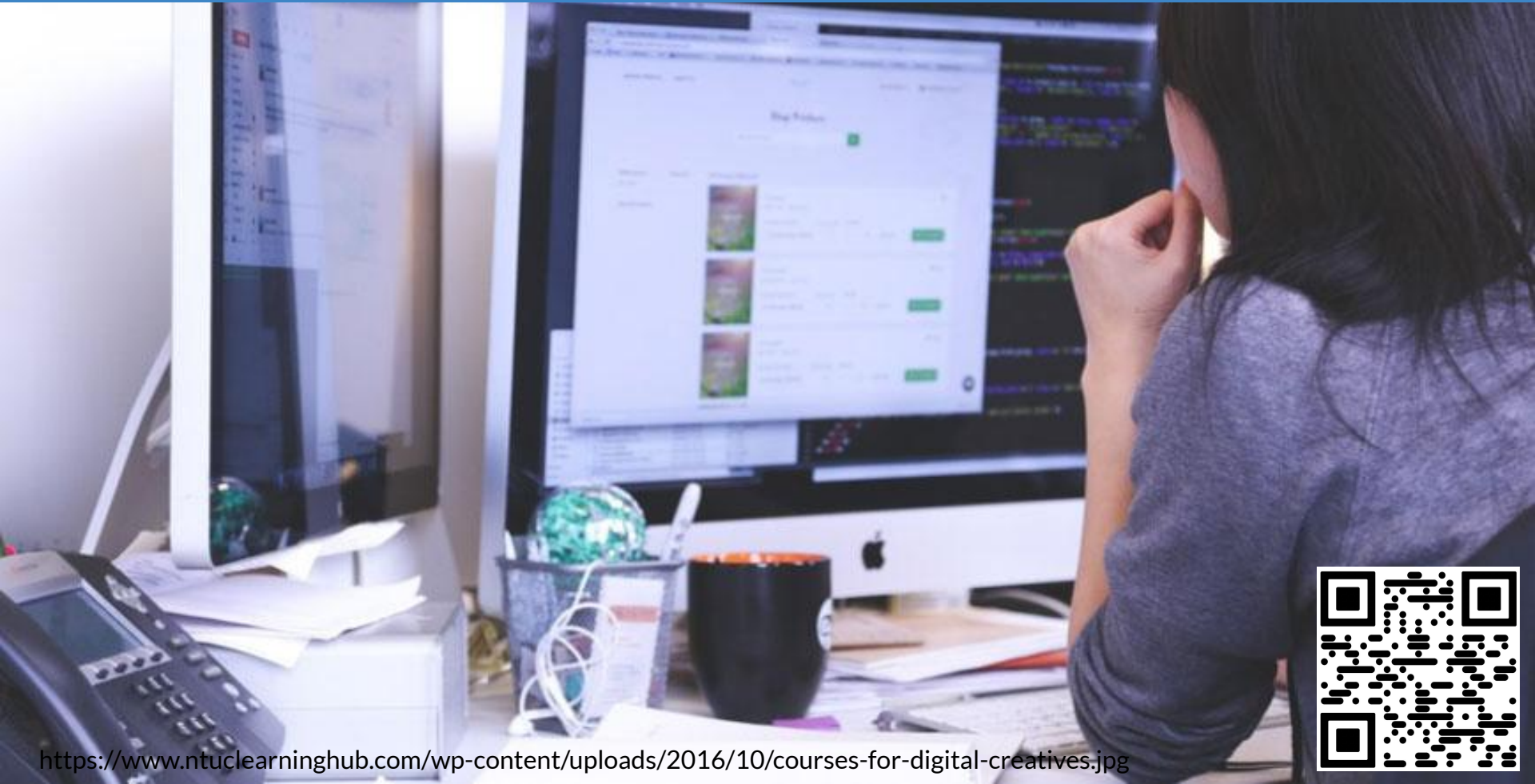
@Dustinson

@SkylarRWatson

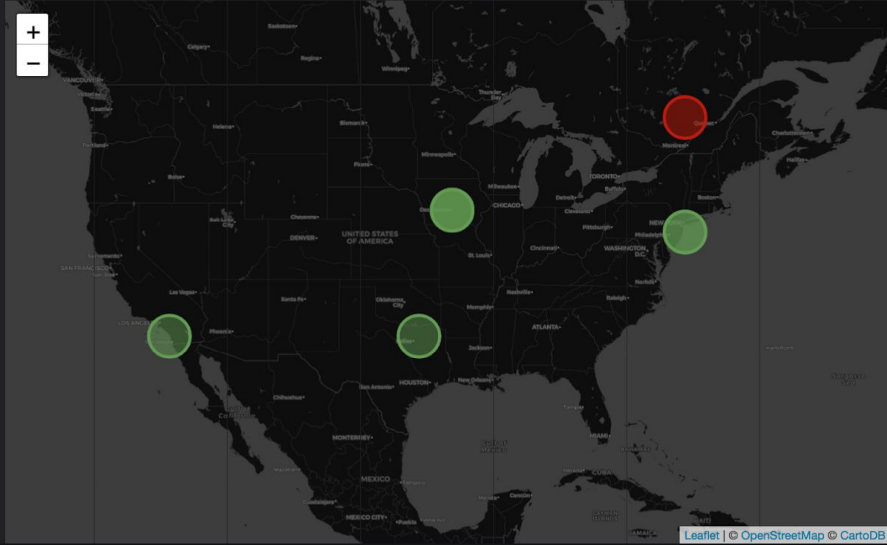




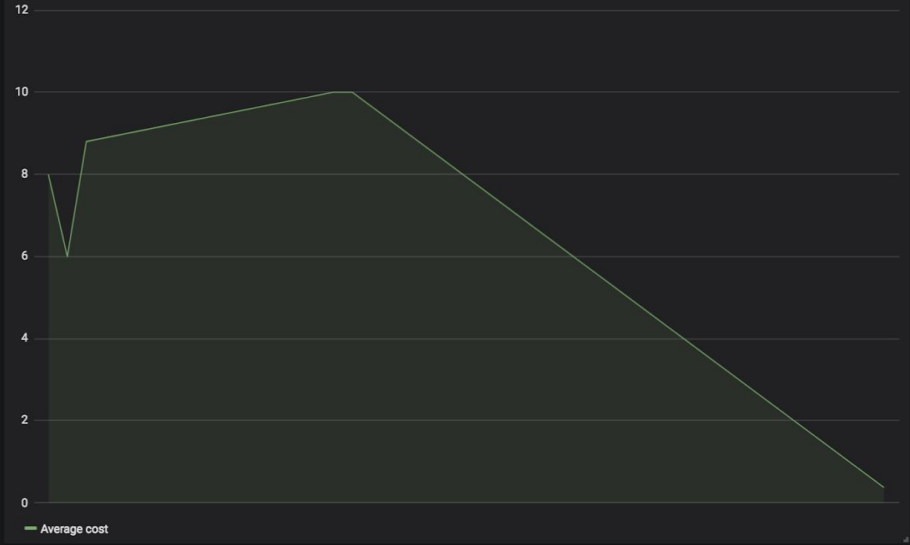




Global Health



Beer Revenue



Beer Revenue

\$156

Beer Sold

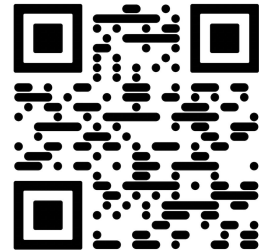
33

Failed Transactions

16



HUH!?

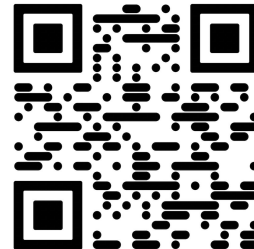


Given Ben at the La Piazz bar in Quebec City

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



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

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```
ALTER TABLE BEER_EVENT ADD COUNTRY_CODE VARCHAR(255);
```



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10826	6131	4239	La Piazz	8	<i>null</i>

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LIQUI  BASE



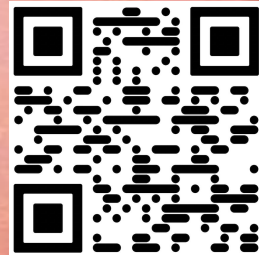
@Dustinson

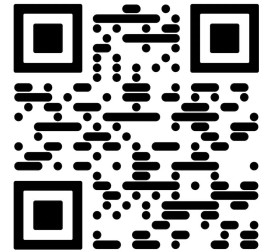
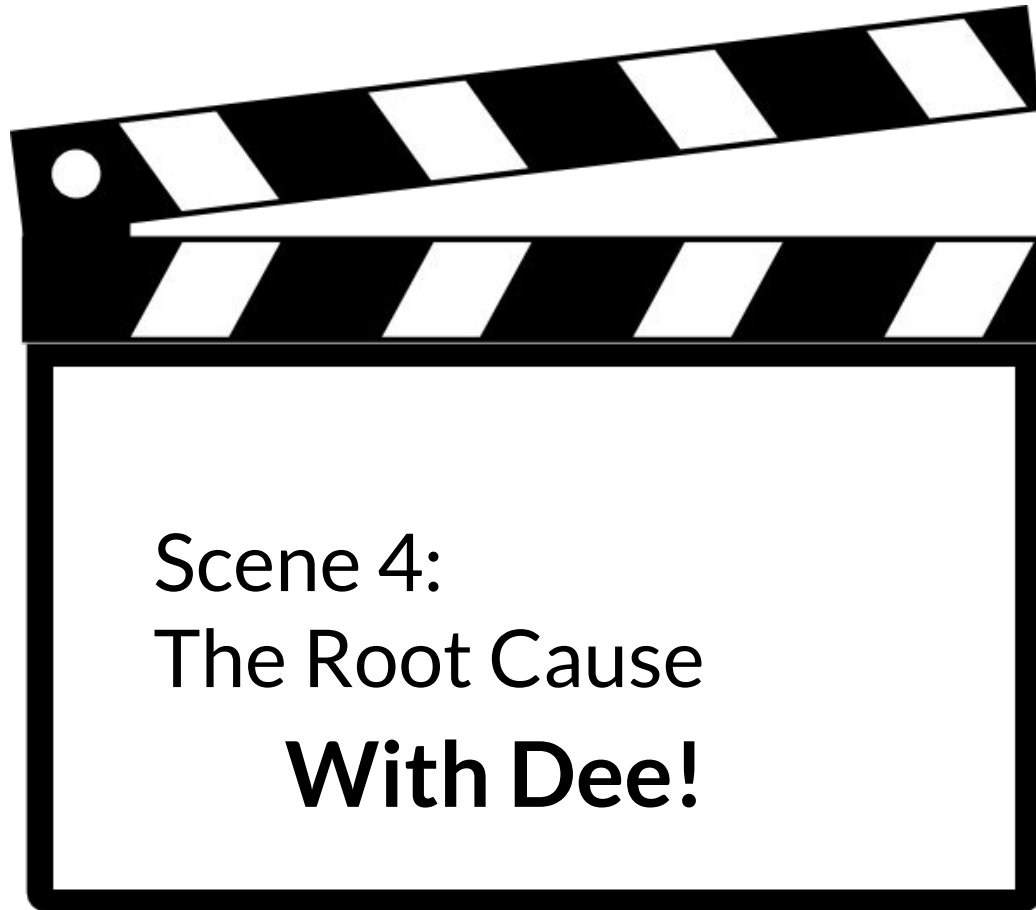
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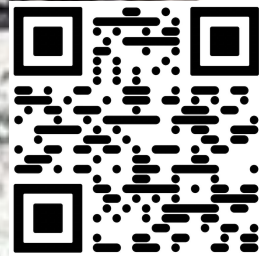


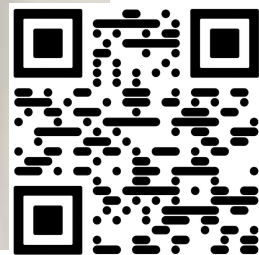
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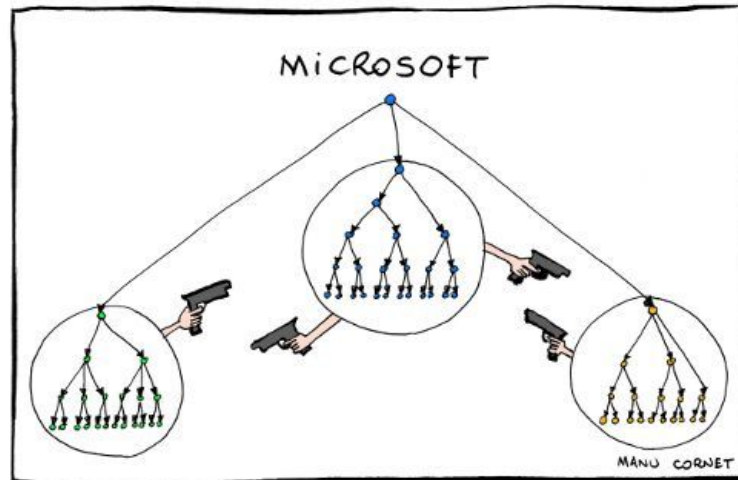
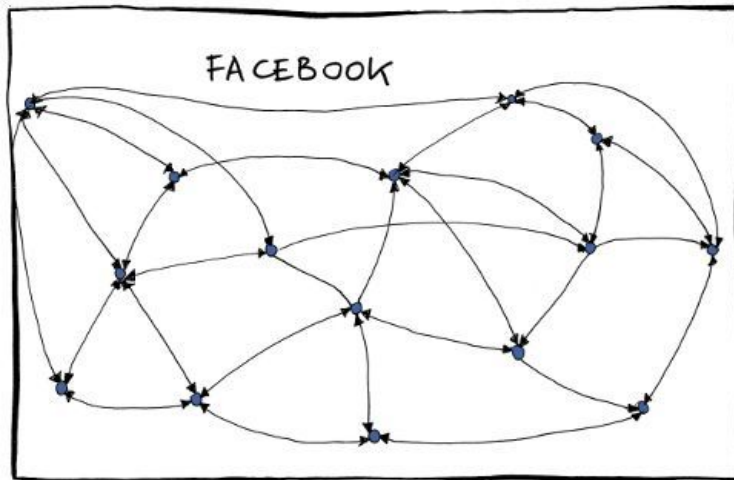
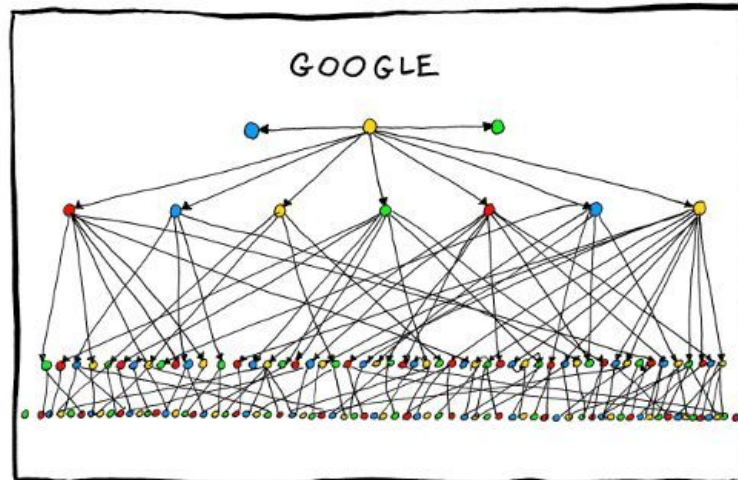
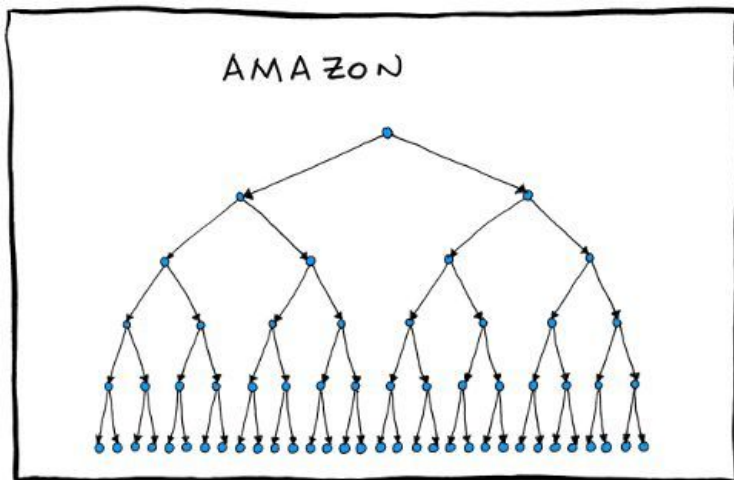
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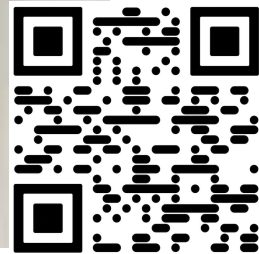


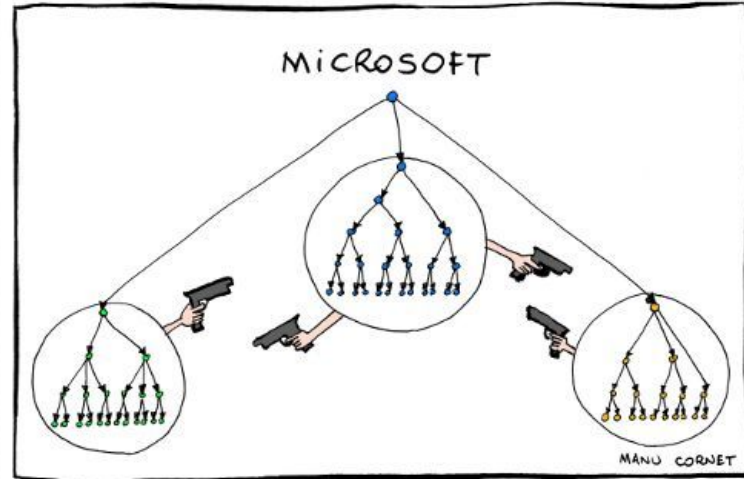
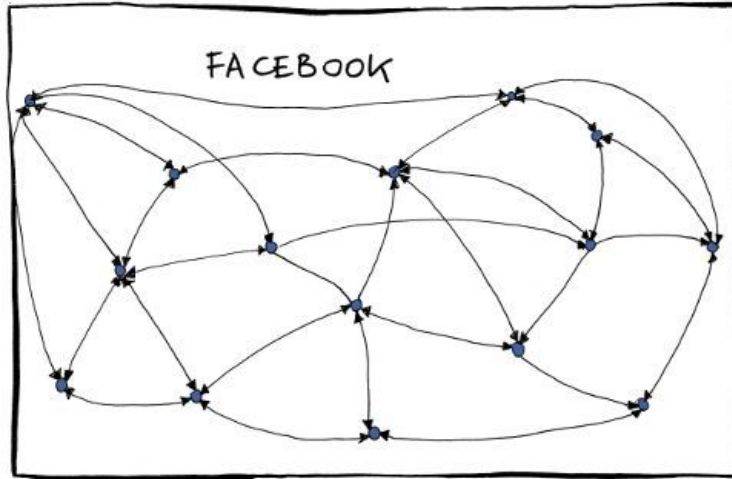
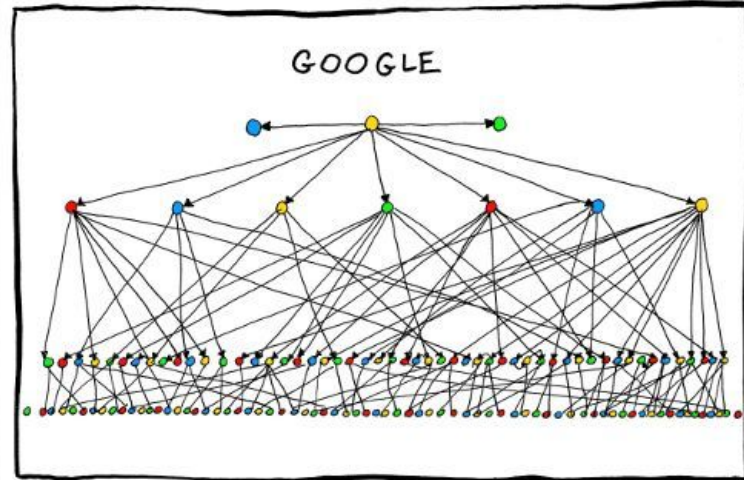
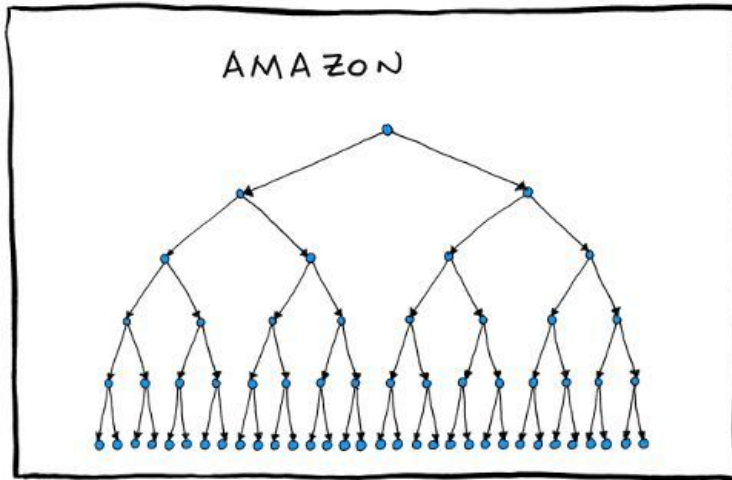


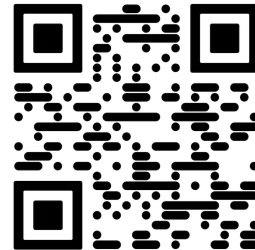
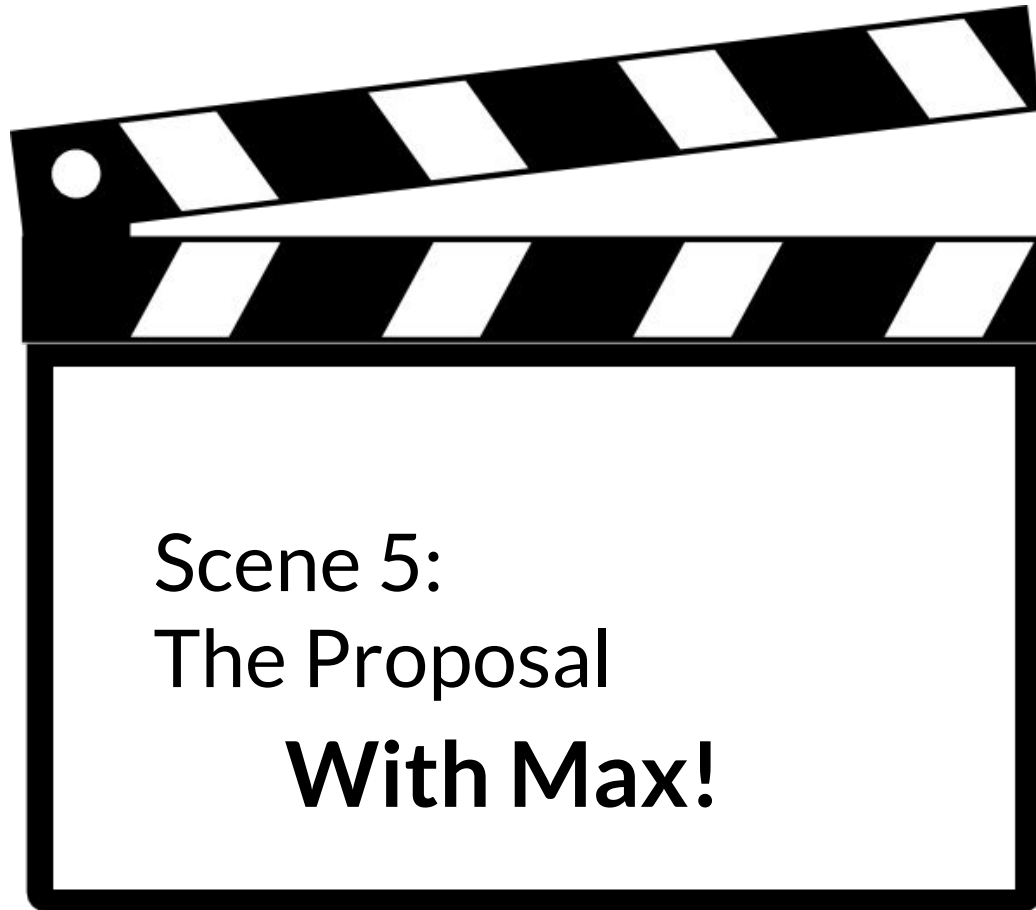
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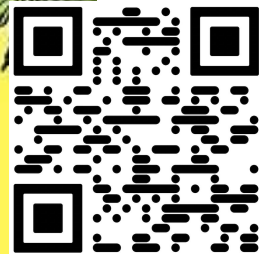
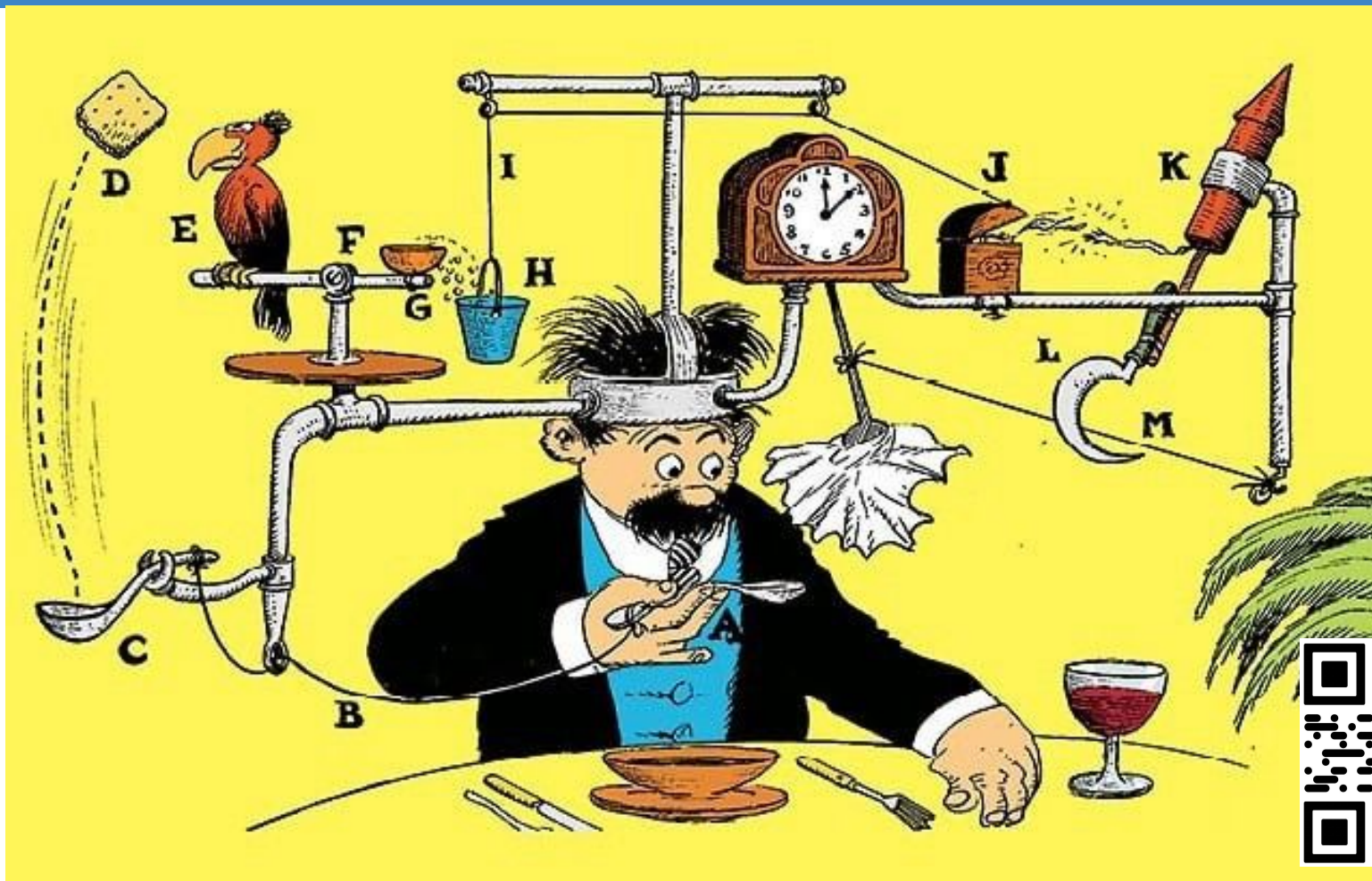
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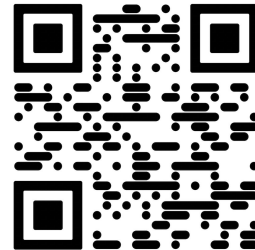






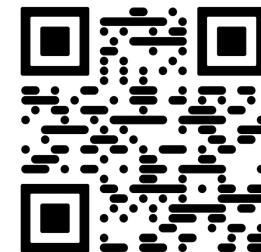


SWOT ANALYSIS

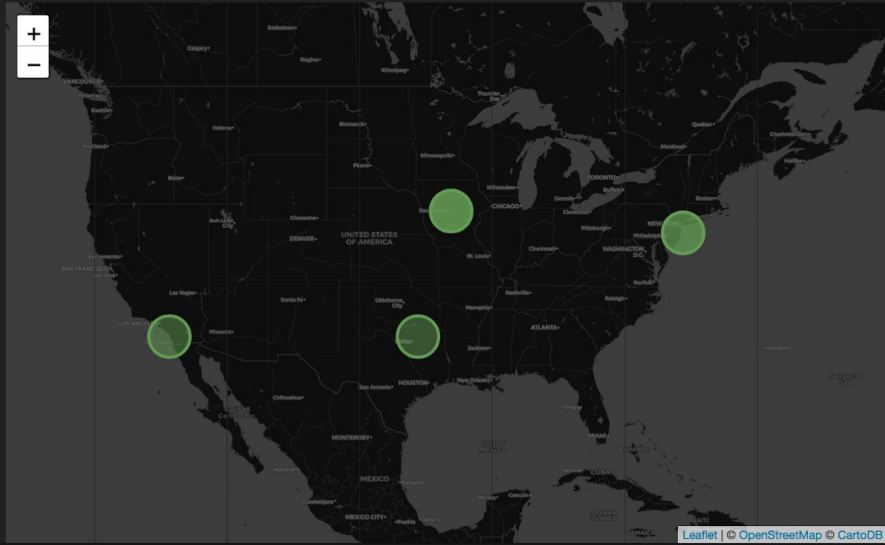


billing-rest - Stage View

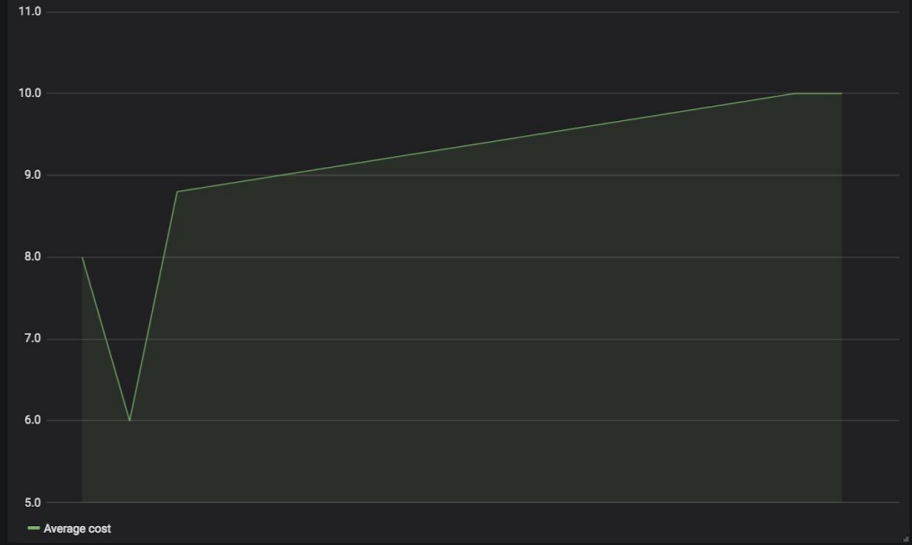
		Declarative: Checkout SCM	Initialize	Checkout	Build	Publish Reports	SonarQube analysis	ArchiveArtifact	Docker Tag & Push	Deploy - CI	Deploy - QA	Deploy - UAT	Deploy - Production	Declarative: Post Actions
Average stage times: (Average full run time: ~2min 59s)		768ms	1s	799ms	57s	5s	14s	125ms	23s	37ms	32ms	32ms	32ms	792ms
#118 Jul 17 20:58 1 commit		817ms	1s	690ms	1min 36s	10s	24s	198ms	38s	38ms				1s
#117 Jul 16 15:28 1 commit		792ms	1s	708ms	1min 36s	8s	23s	179ms	38s	42ms				2s
#116 Jul 15 21:13 No Changes		672ms	869ms	694ms	1min 33s	10s	24s	183ms	37s	40ms				75ms



Global Health



Beer Revenue



Beer Revenue

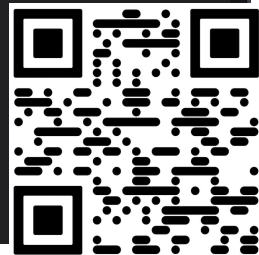
\$150

Beer Sold

17

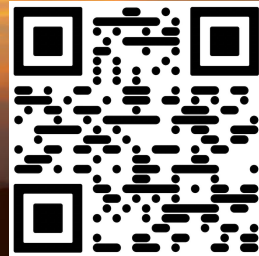
Failed Transactions

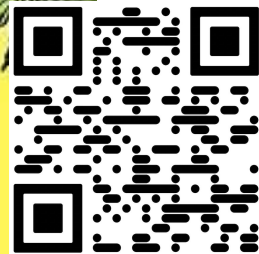
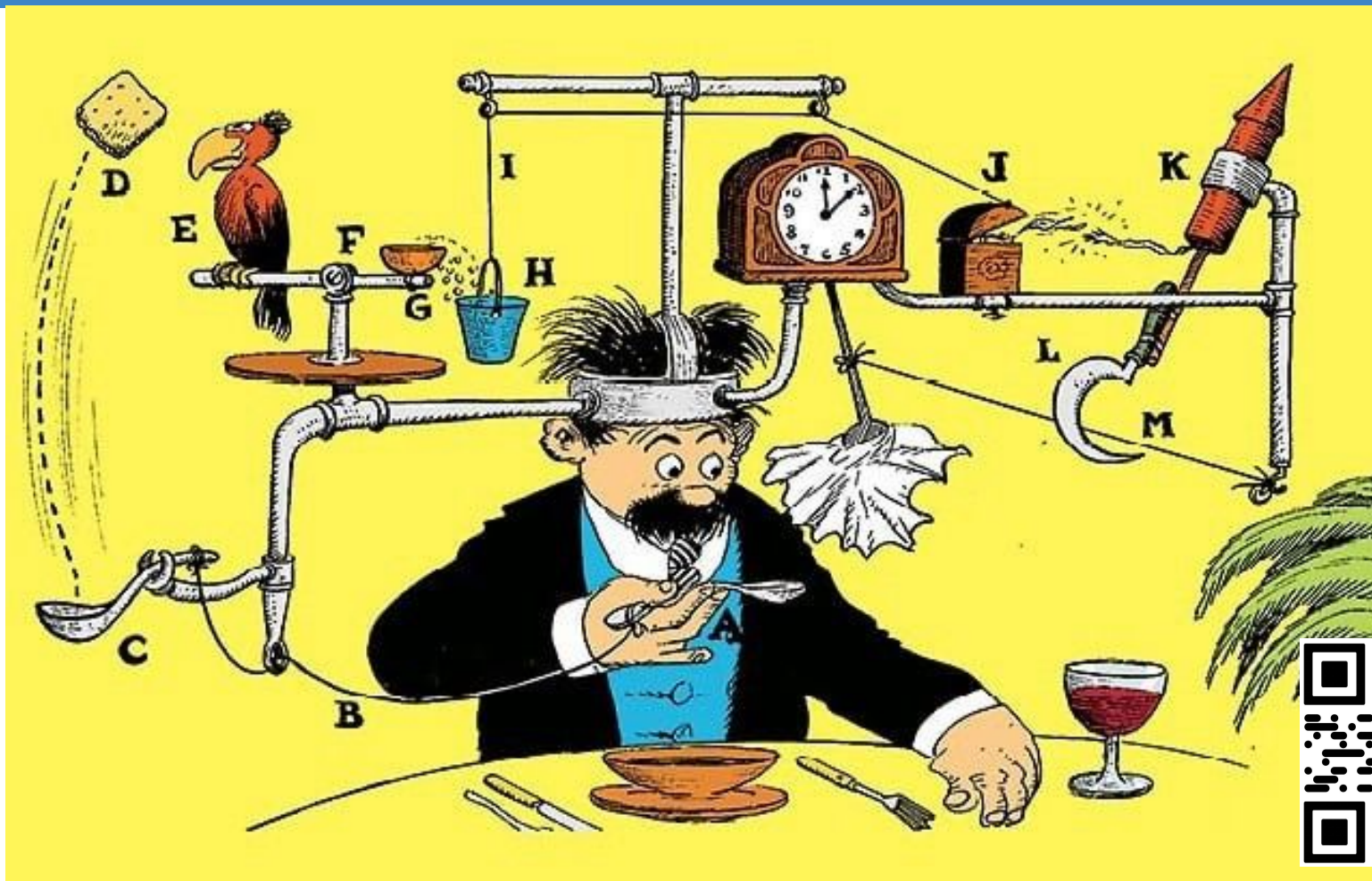
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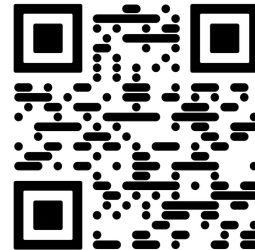
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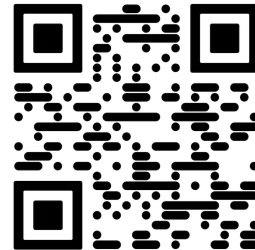
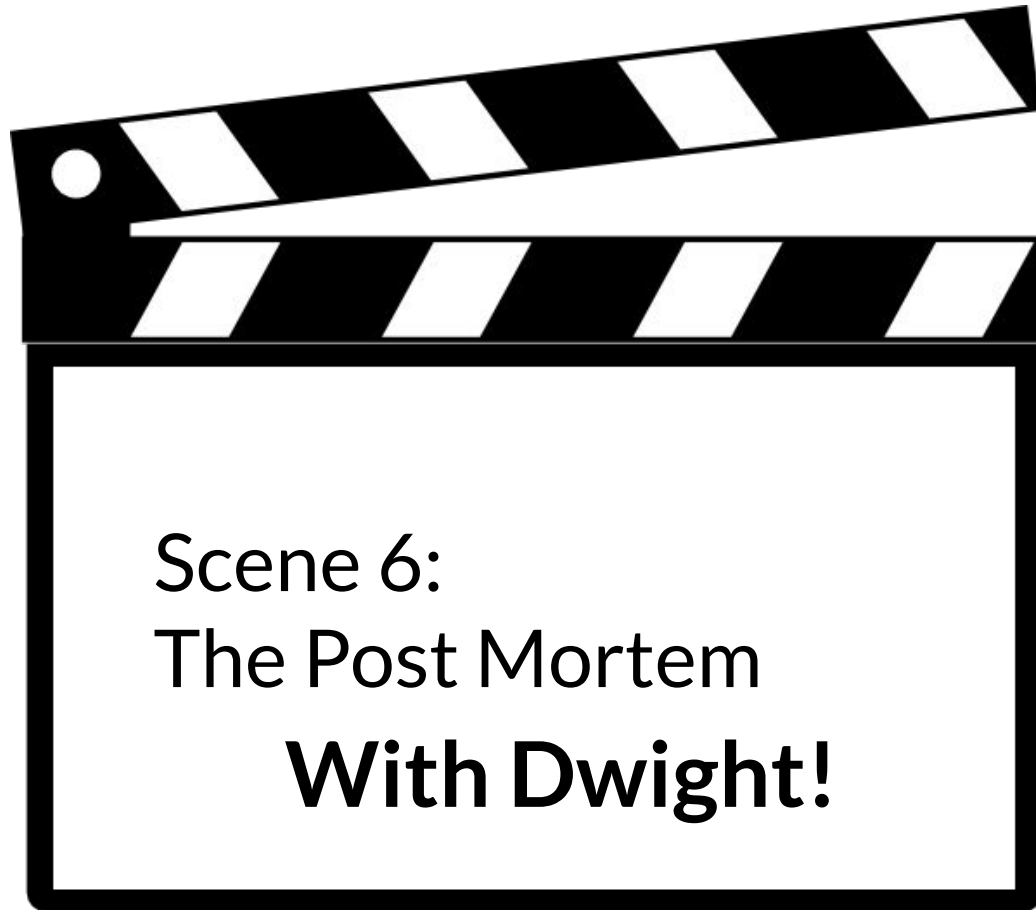
@SkylarRWatson





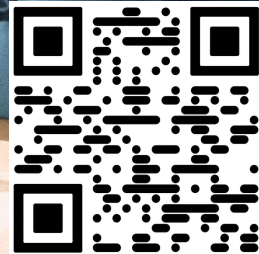
SWOT ANALYSIS







Post Mortem Meeting



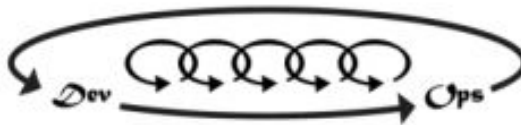
The First Way:
Systems Thinking



The Second Way:
Amplify Feedback Loops

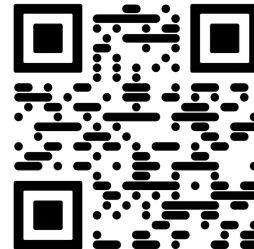


The Third Way:
Culture Of Continual Experimentation And
Learning



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



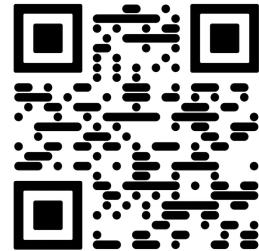
S SPECIFIC

M MEASURABLE

A ACHIEVABLE

R RELEVANT

T TIMELY



@Dustinson

@SkylarRWatson



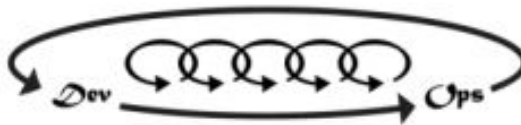
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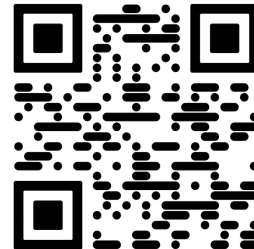


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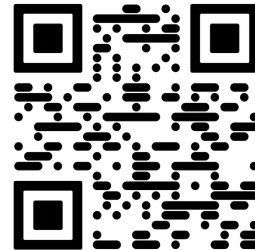
S SPECIFIC

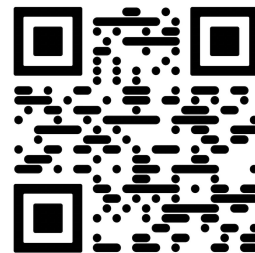
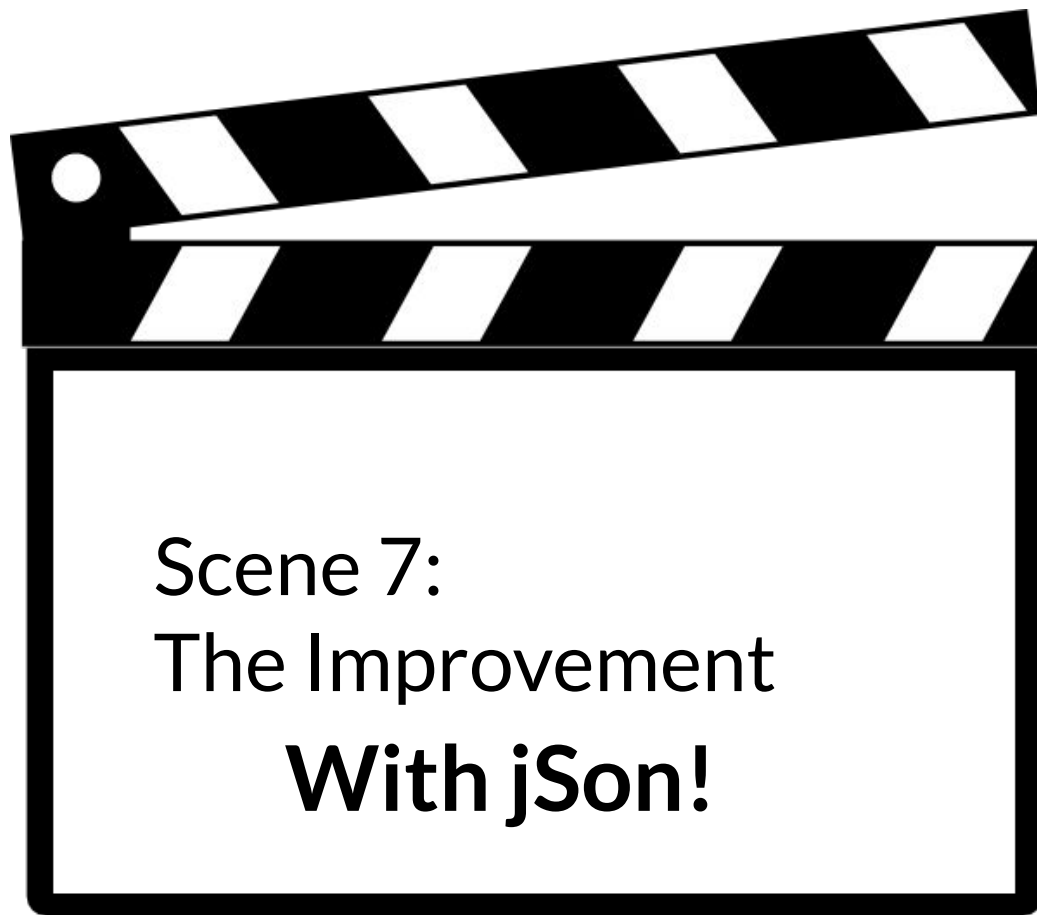
M MEASURABLE

A ACHIEVABLE

R RELEVANT

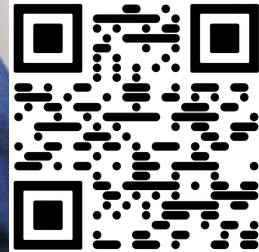
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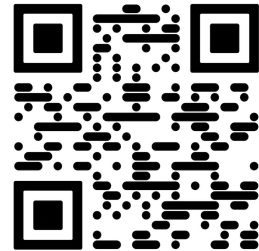
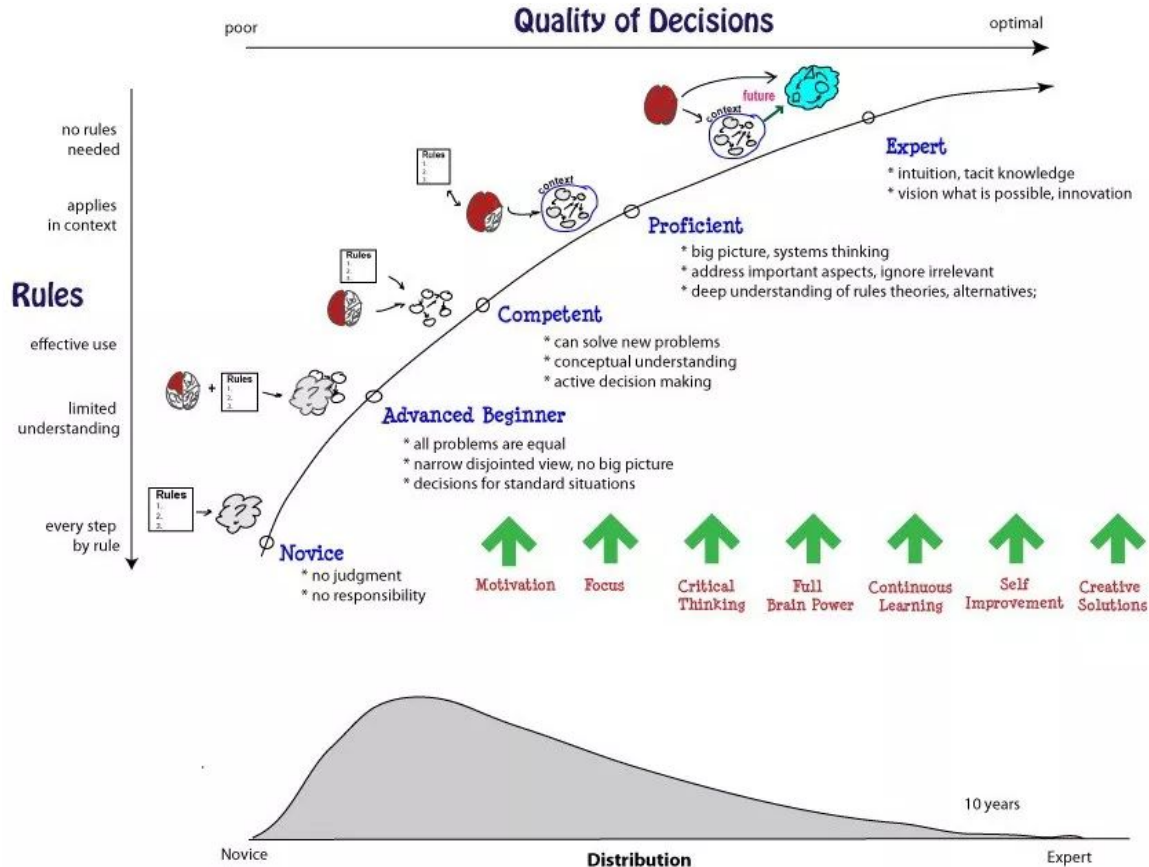


@Dustinson

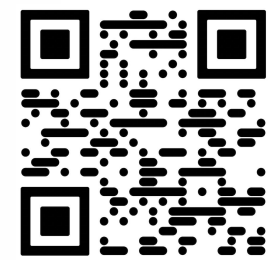
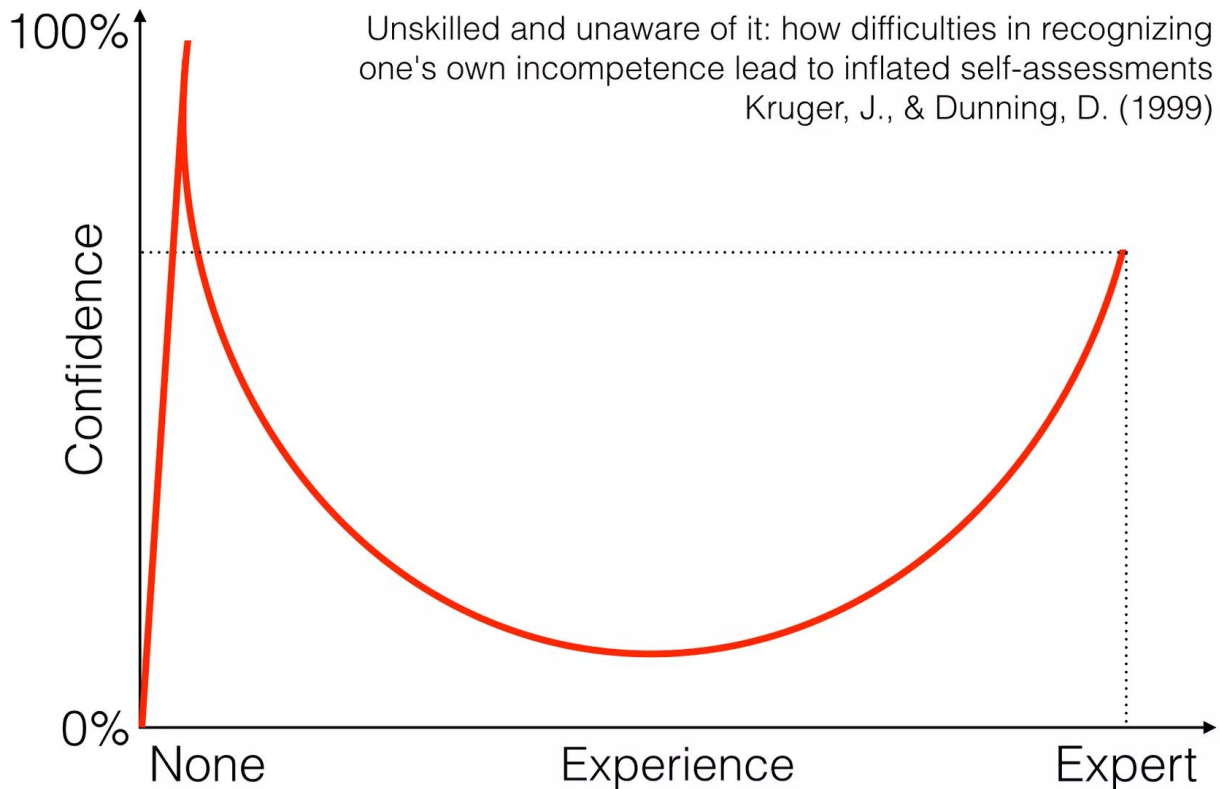
@SkylarRWatson

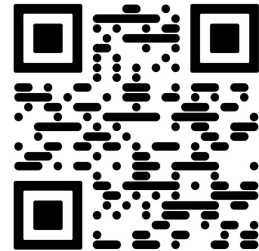
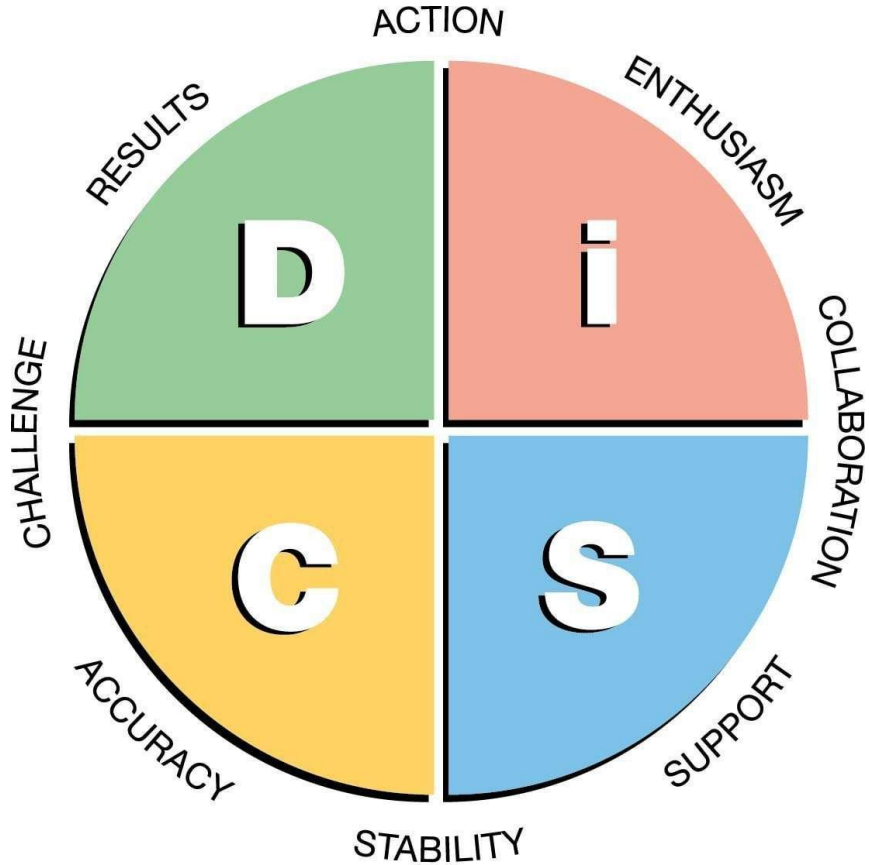


Genesis of The Expert



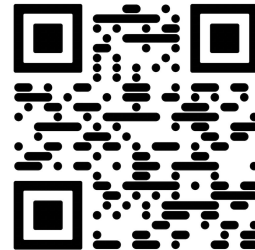
Dunning-Kruger Effect

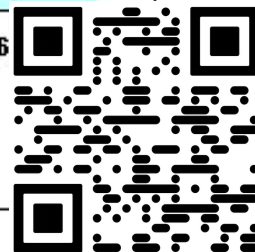
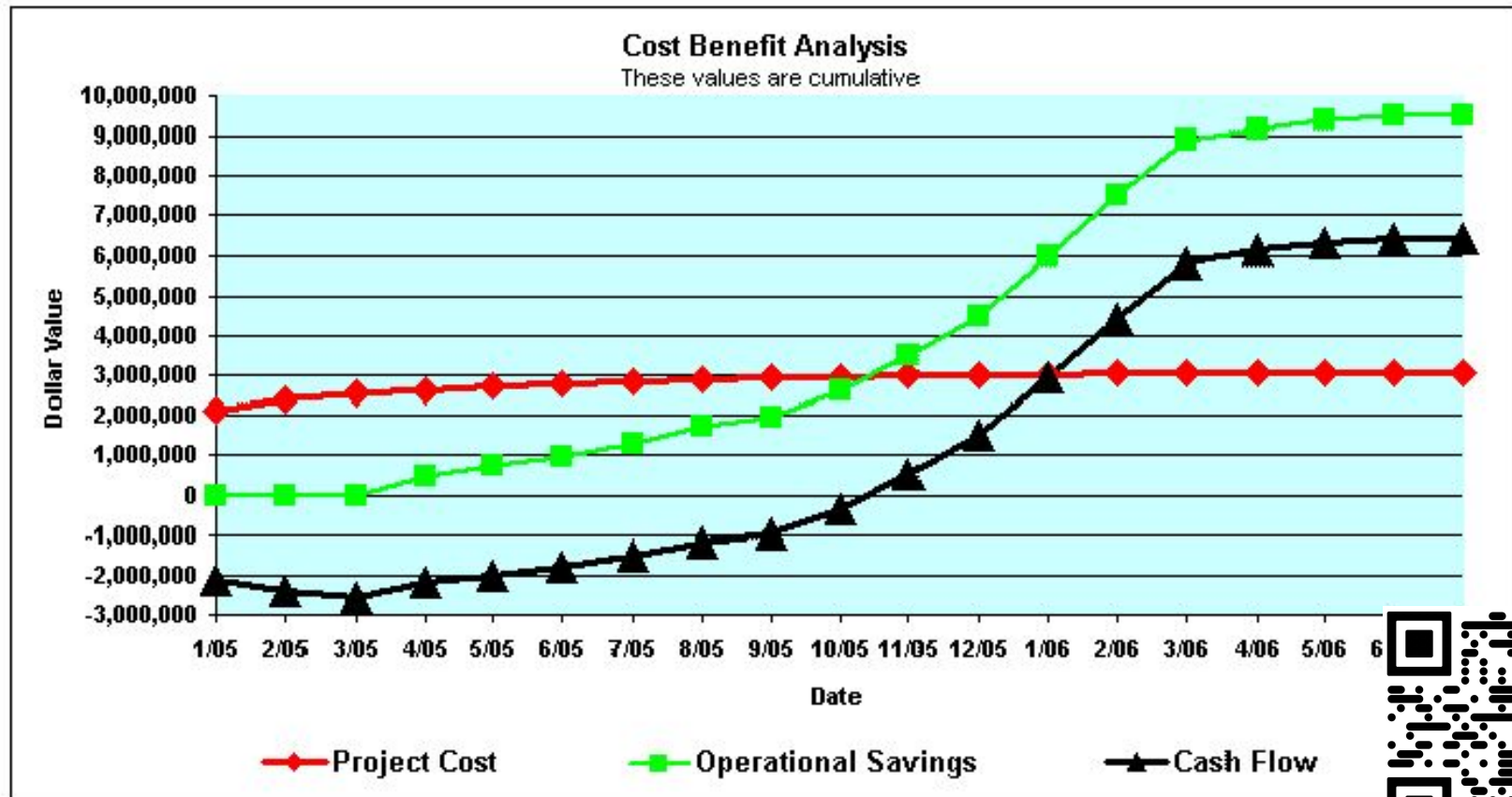




Build vs Buy

Core Capabilities	Buy & Modify	Build
	Buy OTS	Partner
	Competitive advantage	



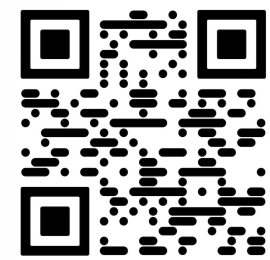
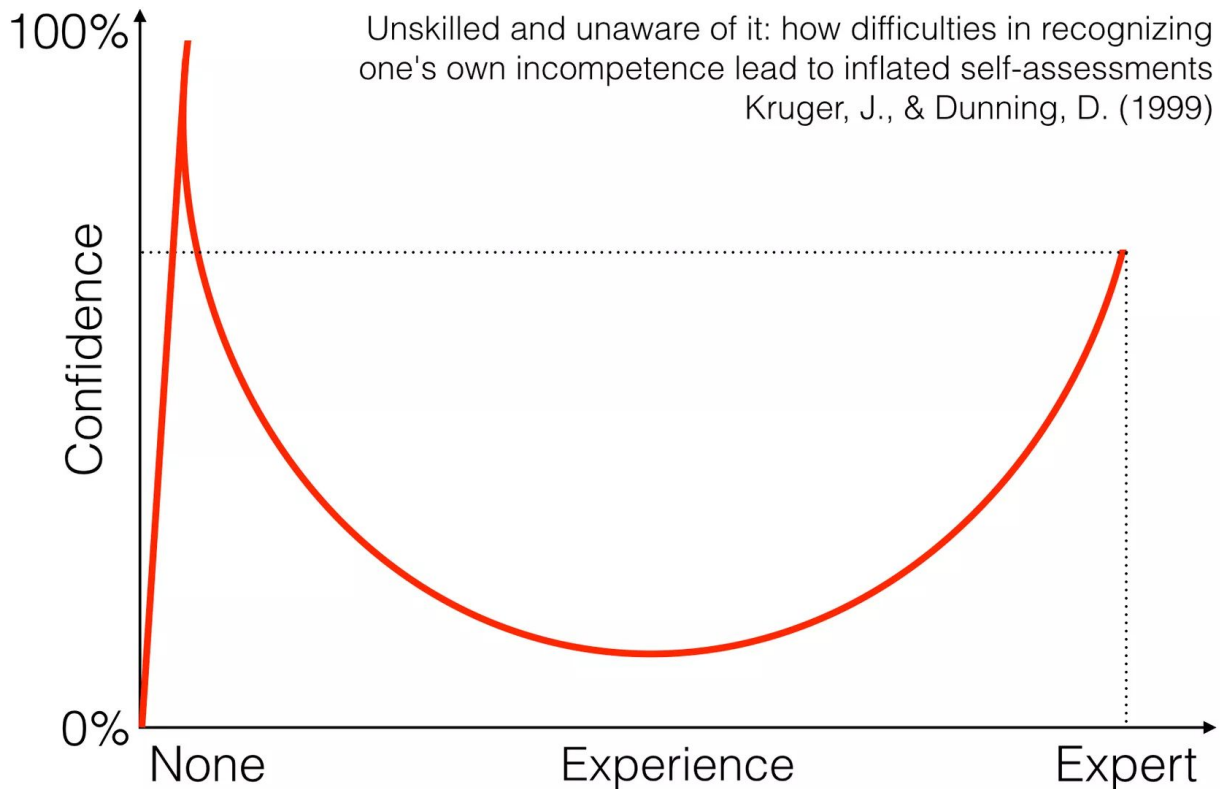


@Dustinson

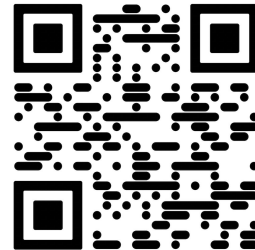
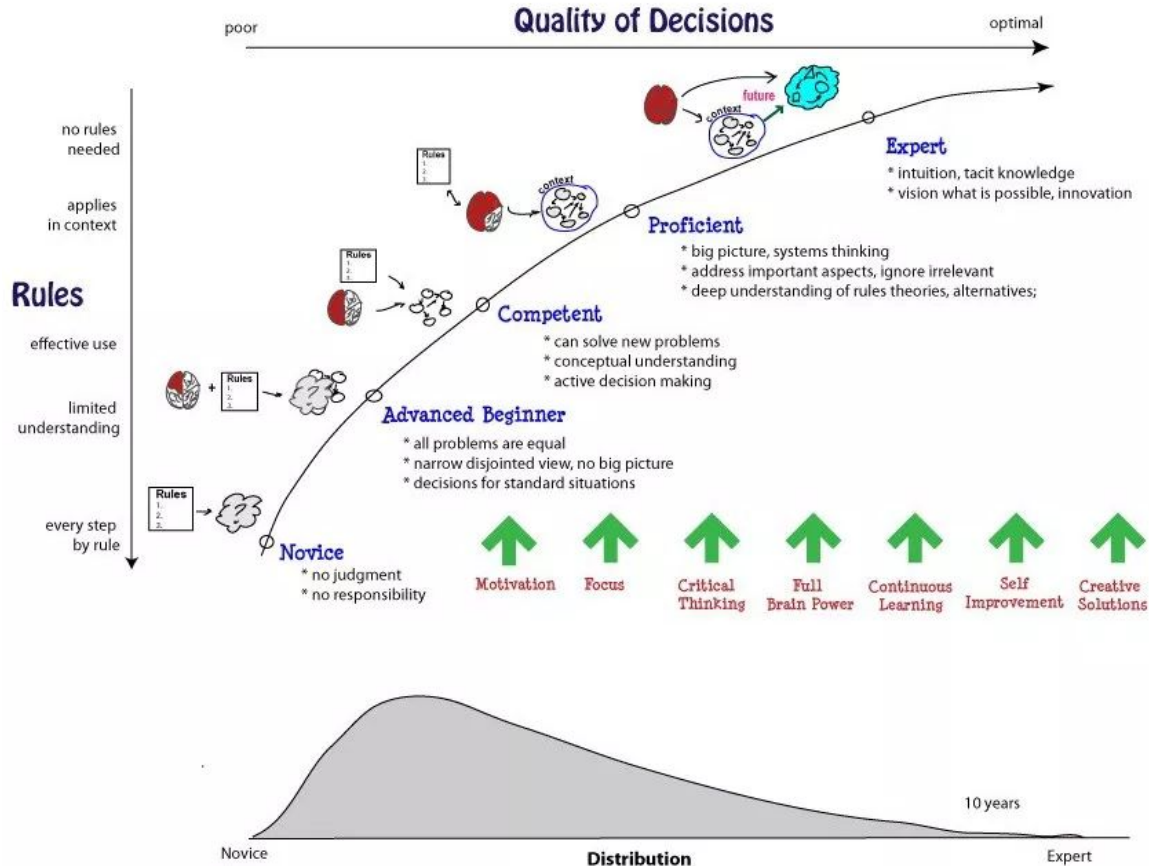
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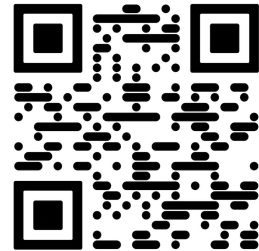
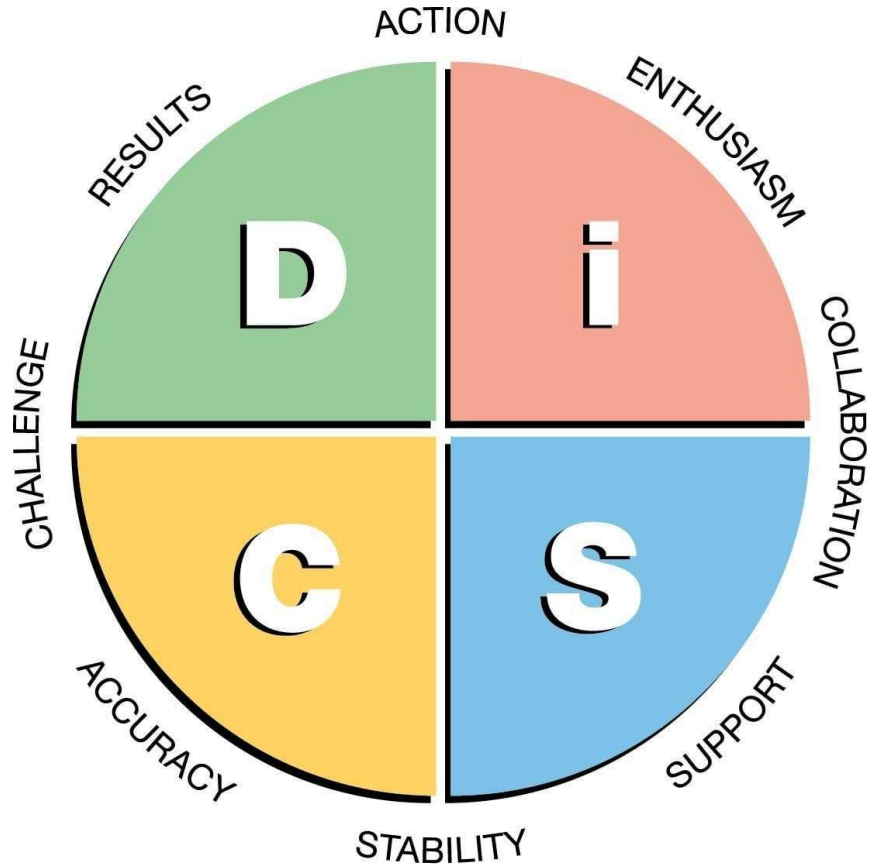


Dunning-Kruger Effect



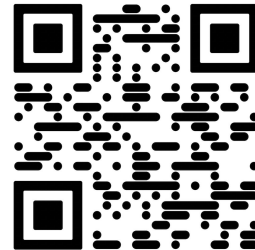
Genesis of The Expert

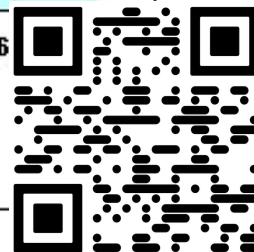
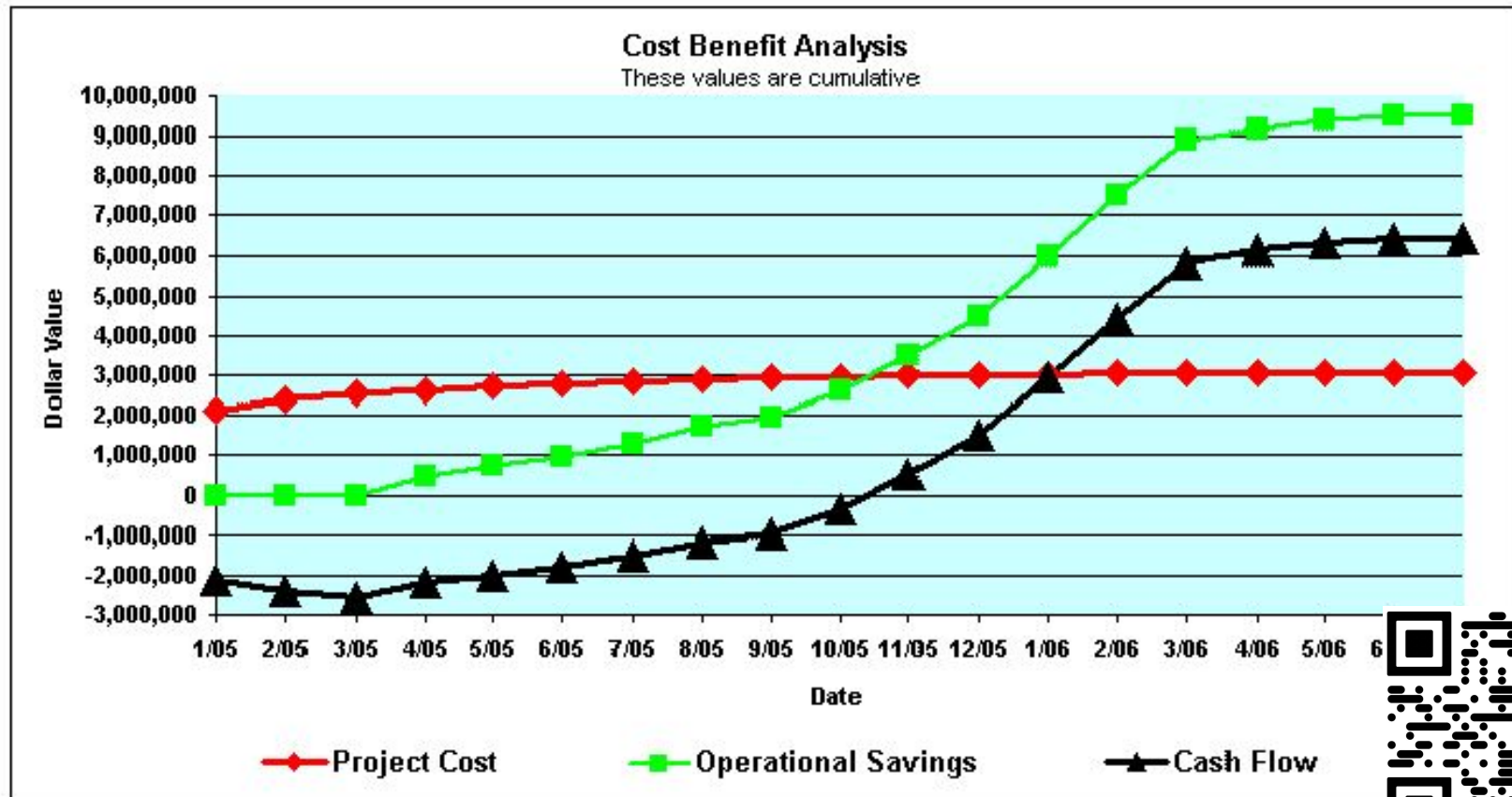




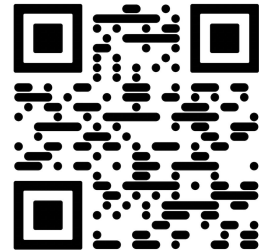
Build vs Buy

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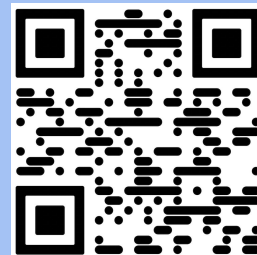
What just happened?

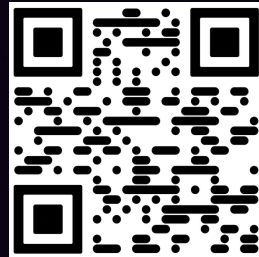


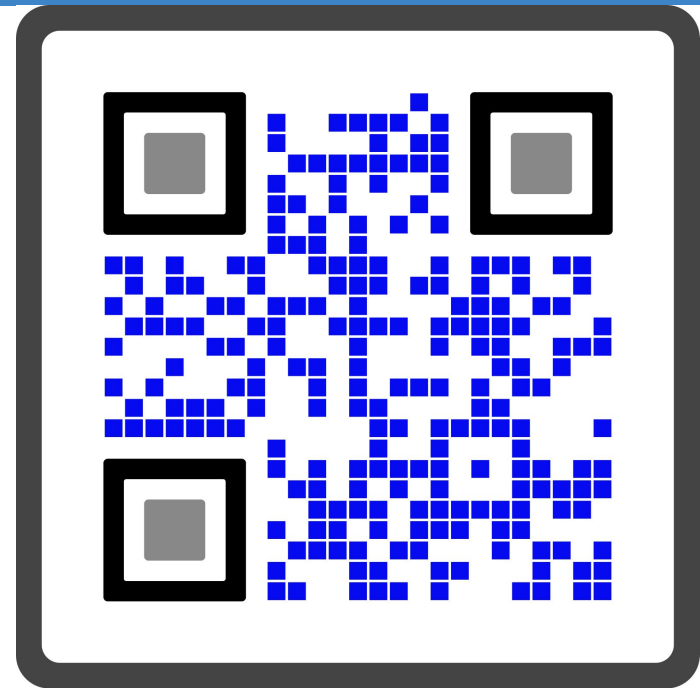
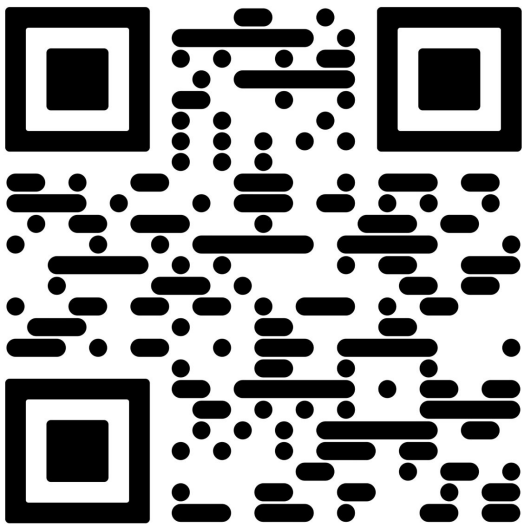


Argument is War

Time is Money







Slides!

Handout