



BCG

THE BOSTON CONSULTING GROUP

Personalization Assessment

Immersion Session Two

JULY, 2018



Objectives for today



Discuss design of specific use cases to execute

Align on sandbox and evaluation methodology

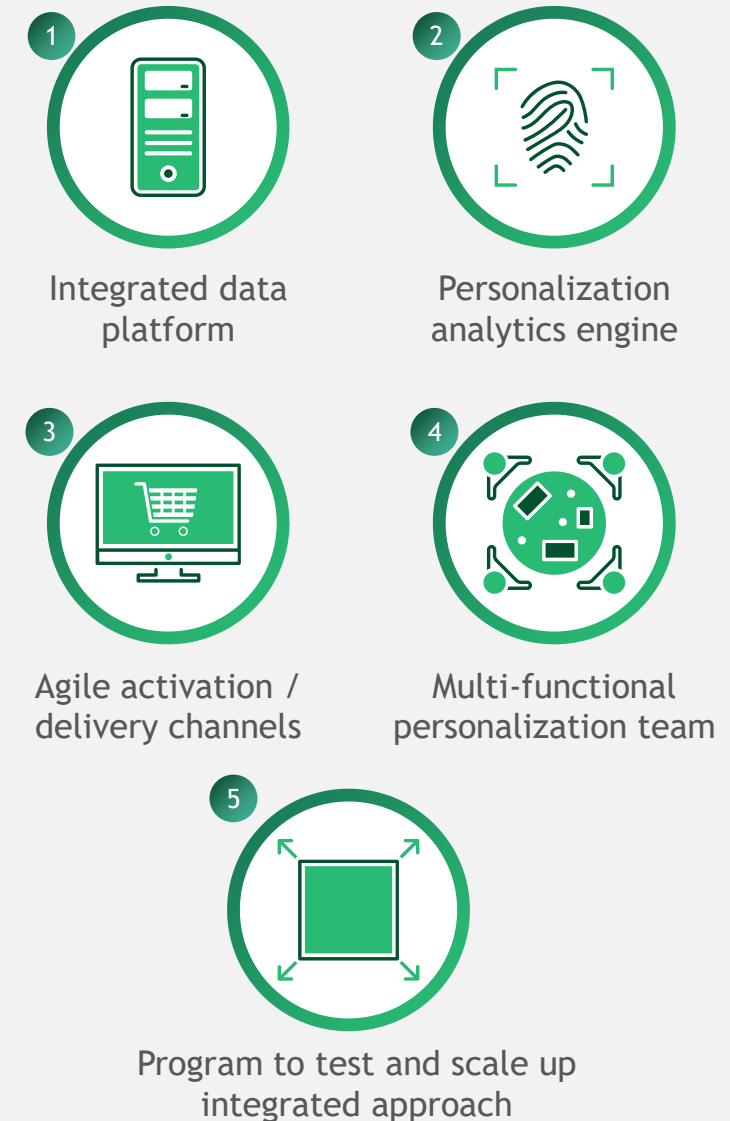
Present resourcing requirements

Align on next steps and go/no-go decision

Recap: Our personalization ambition



What is needed to unlock this

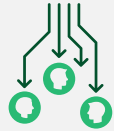


Next phase (pilots) will provide test and learn opportunities to drive customer behavior

MVP Scope



4 months
of pilots



Test and learn &
capability build



E-mail and push
notifications



Dedicated sandbox
~18% of active
TCC base



Objectives

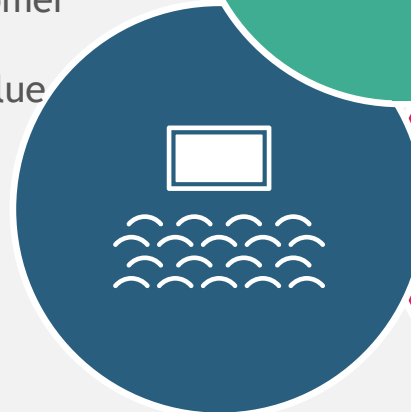
For Cinépolis:
Validate we can...

Learn from
personalized customer
behaviour and
optimize offers value
proposition



For customers: Improve
relevance and engagement

Change behaviour through
optimized value proposition
(promo, message, channel)



For the team:
Improve ways of
working

Enabling automation
and building new
capabilities to drive
efficiency



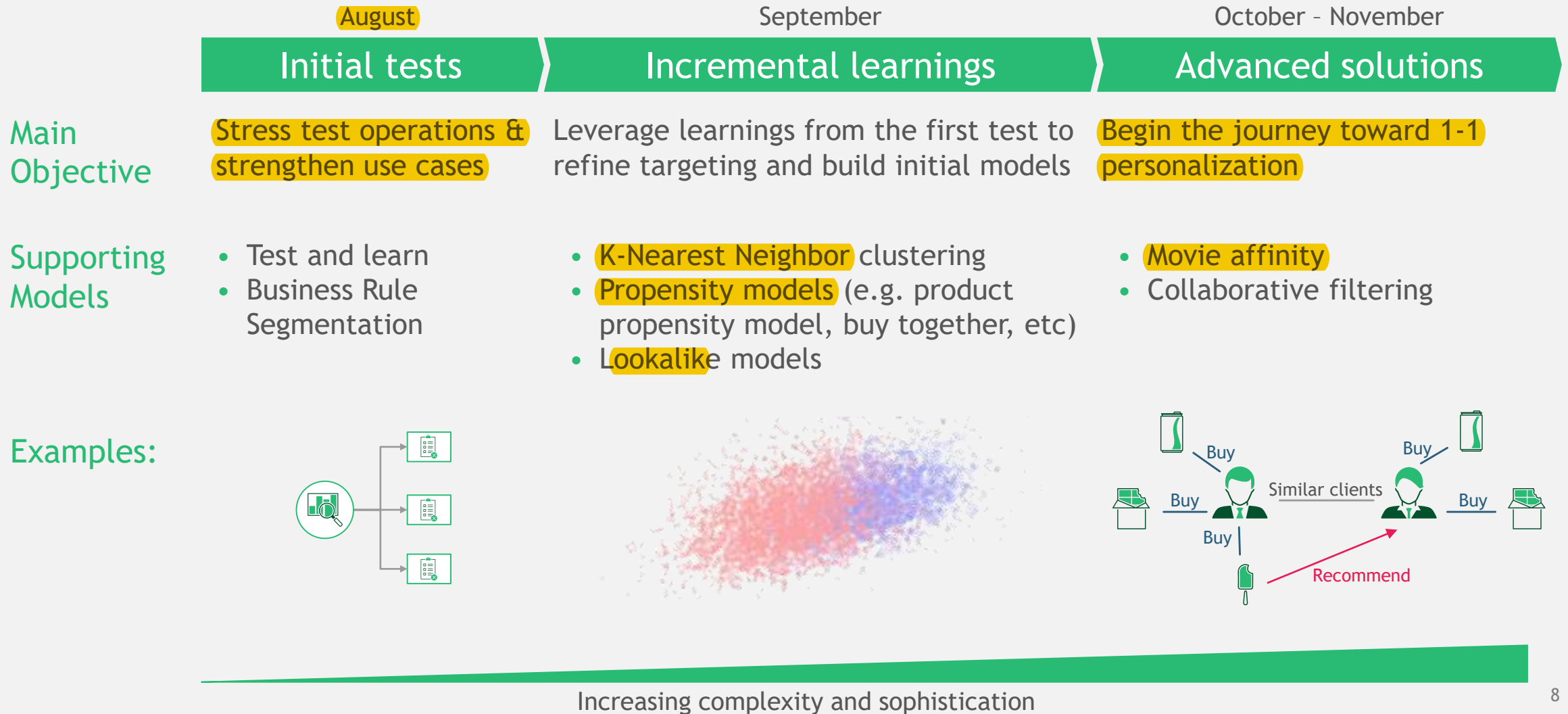
Pilot Use Case Design



Key Themes for Discussion

- 1 Specific use case design to execute during pilot phase
- 2 Feedback and machine learning mechanisms for pilots
- 3 Campaign execution sequence and marketing journeys

Sophistication will increase throughout the pilots, with more advanced models driving more incremental value



Each use case family has been detailed to specific test use cases with clear hypotheses to validate in pilots



Frequency challenge

Description

- Unlock a reward after a personalized # of visits during a specific period of time

Hypothesis

- Using game dynamics to deliver promotions based on individual frequency levels
we can increase the customer frequency

Variants to test

- Number of additional visits and amount of rewards



Menu exploration

- Unlock a reward after purchasing a personalized set of concession products

- Using game dynamics to deliver promotions based on individual consumption patterns **we can increase basket size of up-sell**

- Concession products and amount of rewards



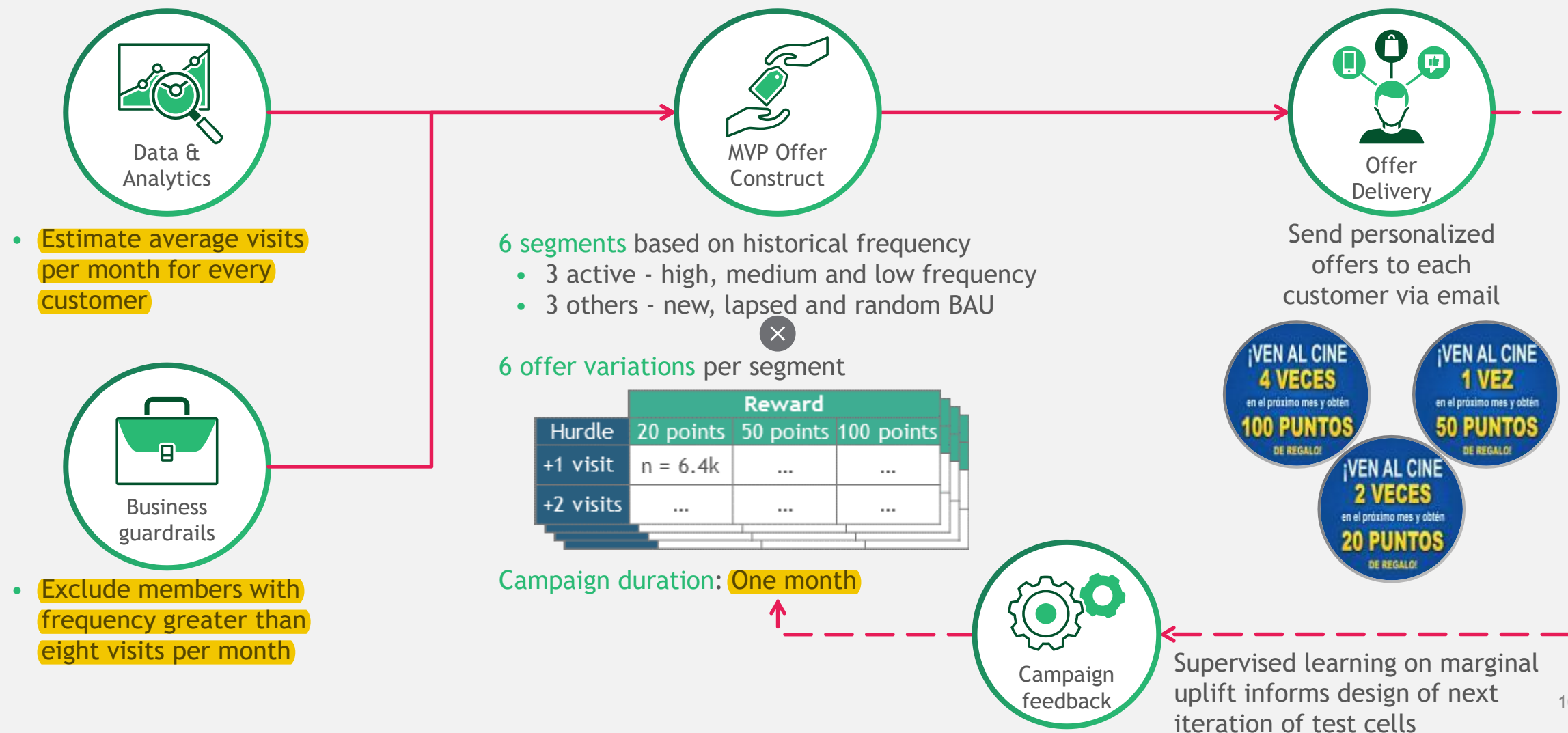
Flash Offers

- Offer a special discount for box office tickets during a short period of time

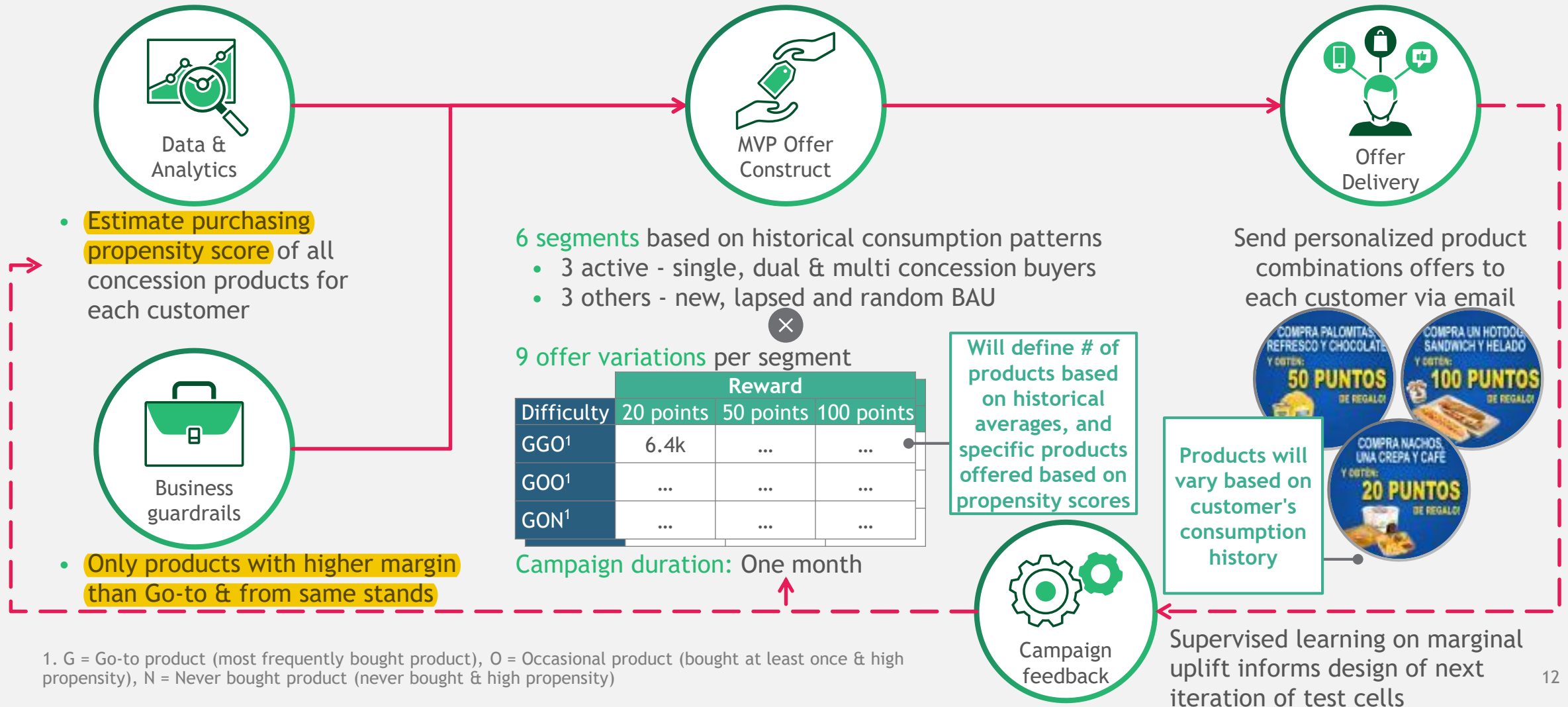
- Delivering short fused offers promoting movies tailored to client preferences can drive an additional impulse visit

- Promotion duration, movies and amount of rewards

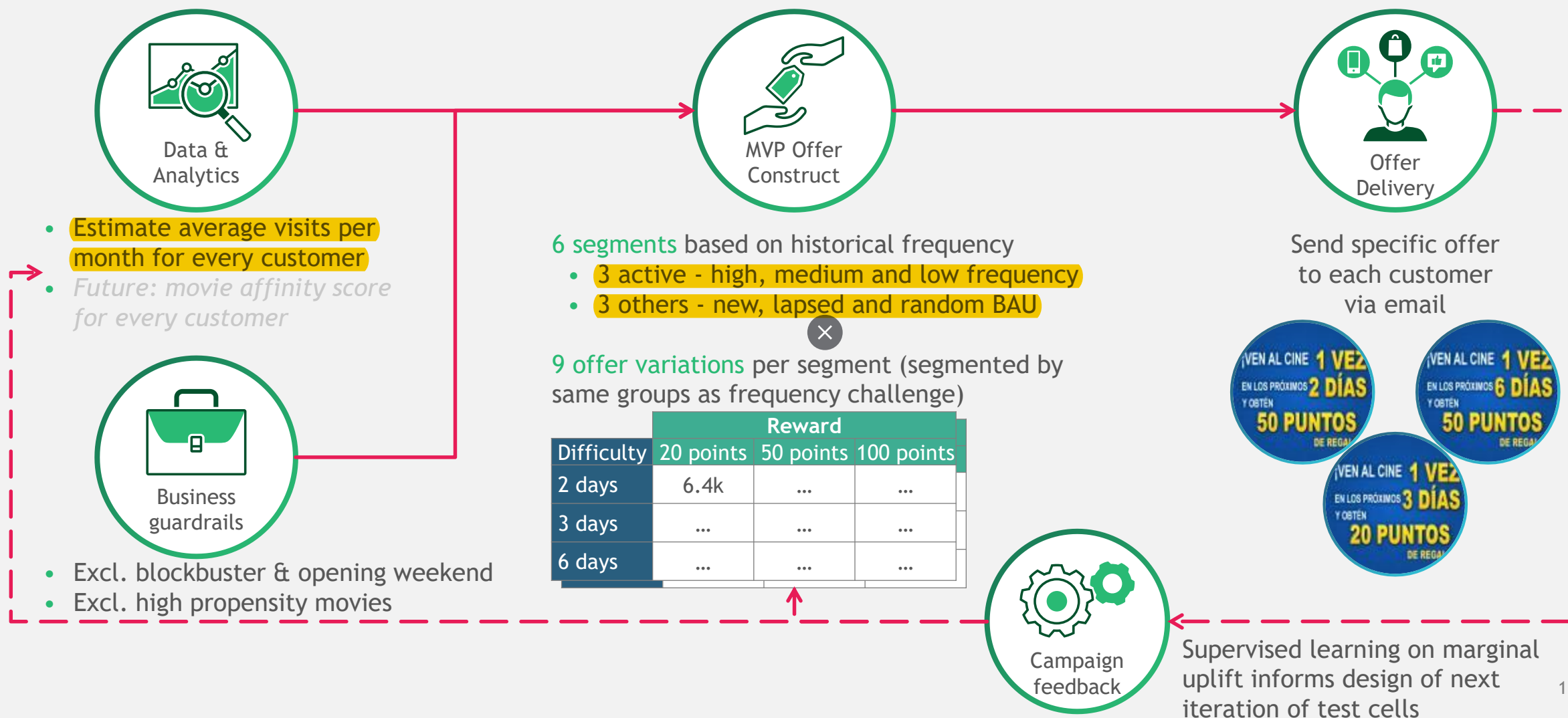
For **frequency challenges**, we will optimize the difficulty & level of reward to each customer's profile



For menu exploration challenges we will **optimize the product combinations** and rewards to each customer



For **flash offers**, we will optimize time-limit, depth of rewards and movie advertised to each customer



For pilot use cases will develop set of test cells and use supervised learning to optimize ensuing campaigns

Example - Frequency Challenge

Customer Segments

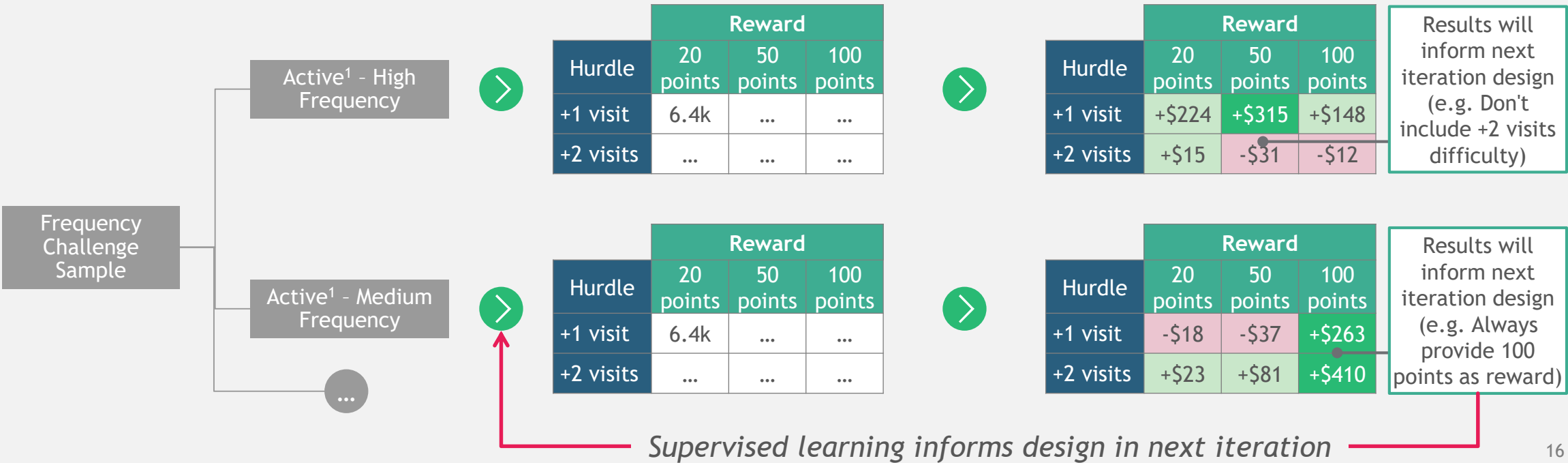
Segment personalization sandbox based on frequency to understand different behaviors across groups

Offer Design

Test different difficulties and rewards assigning equal number of customers to each test cell

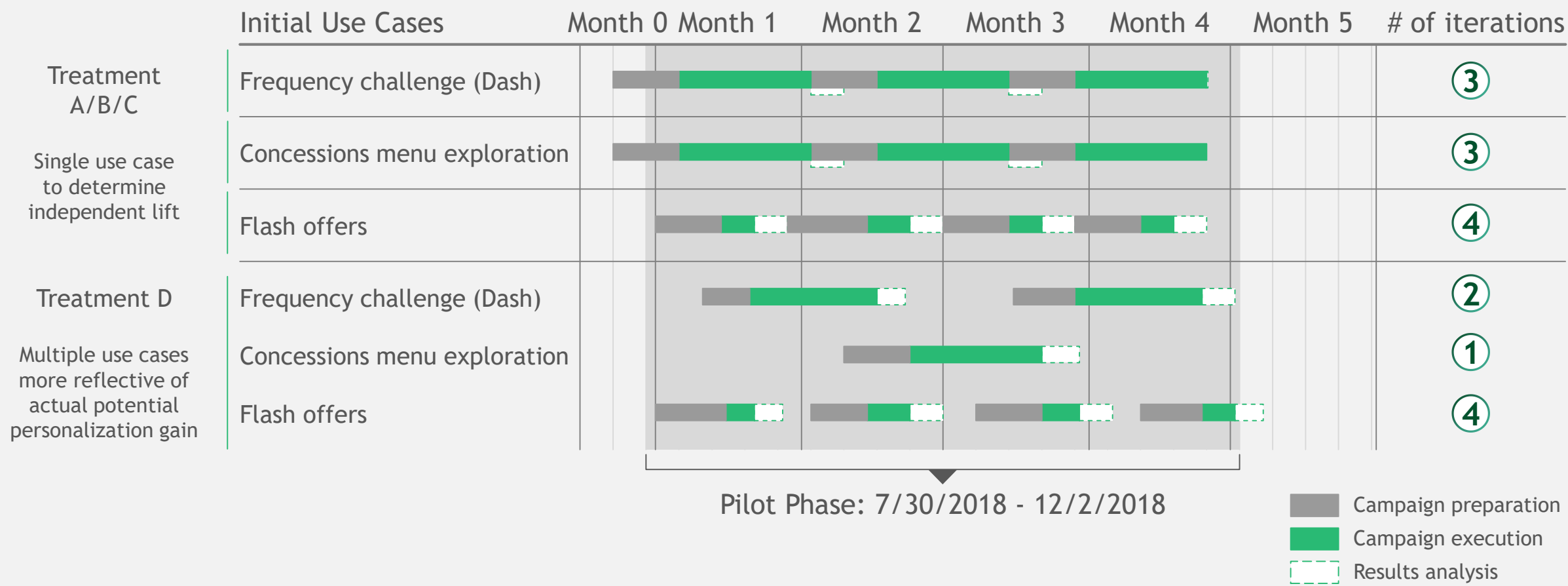
Results Analysis

Estimate Net Incremental Gross Margin (NIGM) for each test cell to identify top performing offers



Potential pilots execute both pure personalization lift measurement and a real-world marketing approach

Illustrative



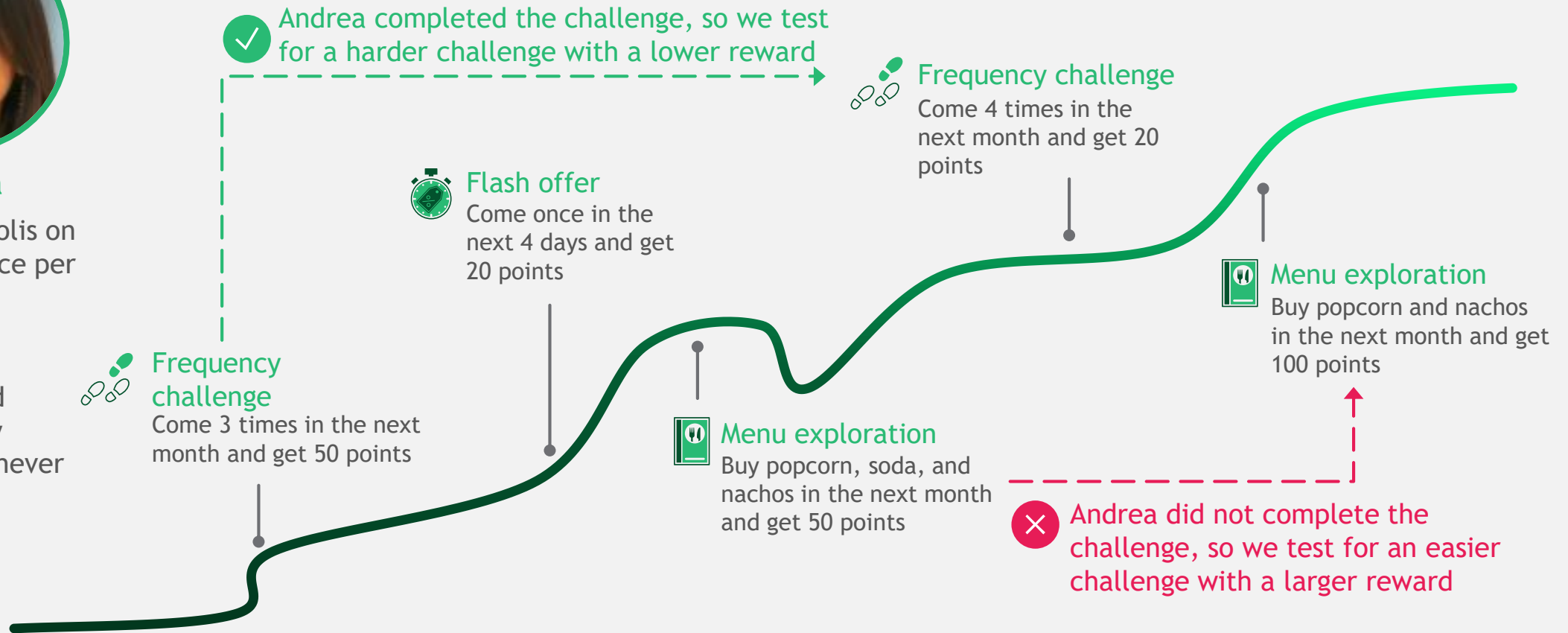
How it all comes together: Individual customers will receive multiple use cases during pilots



Andrea

Visits Cinepolis on average twice per month

Always buys popcorn and occasionally nachos but never soda





What Andrea's journey could look like

Creatives for illustrative purposes, not final version

VEN 3 VECES ESTE MES Y GANA 50 PUNTOS

Te recomendamos estas películas para lograrlo

1

Mazinger Z Infinity
El más grande investigador del mundo regresa y esta vez está decidido a ponerle su mundo. Gran estreno este viernes 16 de marzo.
[VER TRAILER](#)

2

Yo soy Simón
El se ha estado escondiendo, pero el verdadero Simón saldrá en 3, 2, 1... Estreno 13 de abril.
[VER TRAILER](#)

3

Rampage: Devastación
Alarma descomunal: desde el 10 millones, se estima que el mundo tendrá que enfrentar 6 millones de animales salvajes. Estreno 13 de abril.
[VER TRAILER](#)

MARTES 2x1

¡No hay nada mejor que ir para ver a tanta acción! Venís a ver a tanta acción. Venís a ver a tanta acción.

[VER CARTELERA](#)

Para cumplir tus visitas puedes ver estos estrenos o cualquier otro de la cartelera. Al cumplir tu cuarta visita el beneficio estará cargado en tu tarjeta, únicamente solicitado en dulcería de compañías Cinépolis Tradicionales.

¡Descarga la App de Cinépolis!

App Store | Google Play

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¡VEN EN LOS SIGUIENTES 4 DÍAS Y GANA 20 PUNTOS!

Te recomendamos esta película para lograrlo

MISIÓN IMPOSIBLE REPERCUSIÓN
TOM CRUISE
JULIO 26, SOLO EN CINES
EN VOZES Y EN CINES 10 Y 12
© 2018 U.S. Film Corp.

Conviértete en el mejor agente y

GANAR UNO DE LOS 10 SMARTPHONE NEFFOS XI GOLD
Te invitamos a ganar un smartphone Neffos XI Gold. Para este desafío y contarnos una misión imposible que realizarás con un smartphone Neffos.
Los premios son los smartphones más creativos y originales entre los ganadores. Podrás elegir el tuyo y compartirlo con la compañía a la que quieras. [Ver reglas de participación](#)
Misión: Perseguir al asesino del mundo.
Consulta términos y condiciones (TCC)

neffos

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COMPRA LOS SIGUIENTES PRODUCTOS EN DULCERÍA Y OBTÉN: 50 PUNTOS

¡Descarga la App de Cinépolis!

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VEN 4 VECES ESTE MES Y GANA 20 PUNTOS

1

Las Aventuras de Lara Croft
Alicia Vikander está por vivir las aventuras del legendario videojuego. Gran estreno este viernes 16 de marzo.
[COMPRAR BOLETÍN](#)

2

Titanes del Pacífico: La Insurrección
La guerra de los titanes se transforma en una guerra. Estreno 13 de abril.
[VER TRAILER](#)

3

Ready Player One: Comienza el Juego
Escapa a un mundo virtual, creado por Steven Spielberg! Estreno 29 de marzo.
[VER TRAILER](#)

4

Avengers: Infinity War
Adquiere tus boletos a partir de este 06 de abril y los podrás para la batalla! Estreno 27 de abril.
[COMPRAR BOLETÍN](#)

[VER CARTELERA](#)

Para cumplir tus visitas puedes ver estos estrenos o cualquier otro de la cartelera. Al cumplir tu cuarta visita el beneficio estará cargado en tu tarjeta, únicamente solicitado en dulcería de compañías Cinépolis Tradicionales.

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COMPRA LOS SIGUIENTES PRODUCTOS EN DULCERÍA

¡TE REGALAMOS 100 PUNTOS!

1

2

3

¡Descarga la App de Cinépolis!

App Store | Google Play

Facebook | Twitter | Instagram | YouTube



Sandbox and Evaluation Methodology



Key Themes for Discussion

- 1 Pilot experiment design and sandbox sizing
- 2 Campaign evaluation methodology

During pilot phase will split CC customer base into three main groups



Business-As-Usual Group

~3.4M customers¹ will continue to receive promos from existing marketing journeys



Personalization Sandbox

~700k customers will receive personalized offers from the Lab and be excluded from BAU promos²



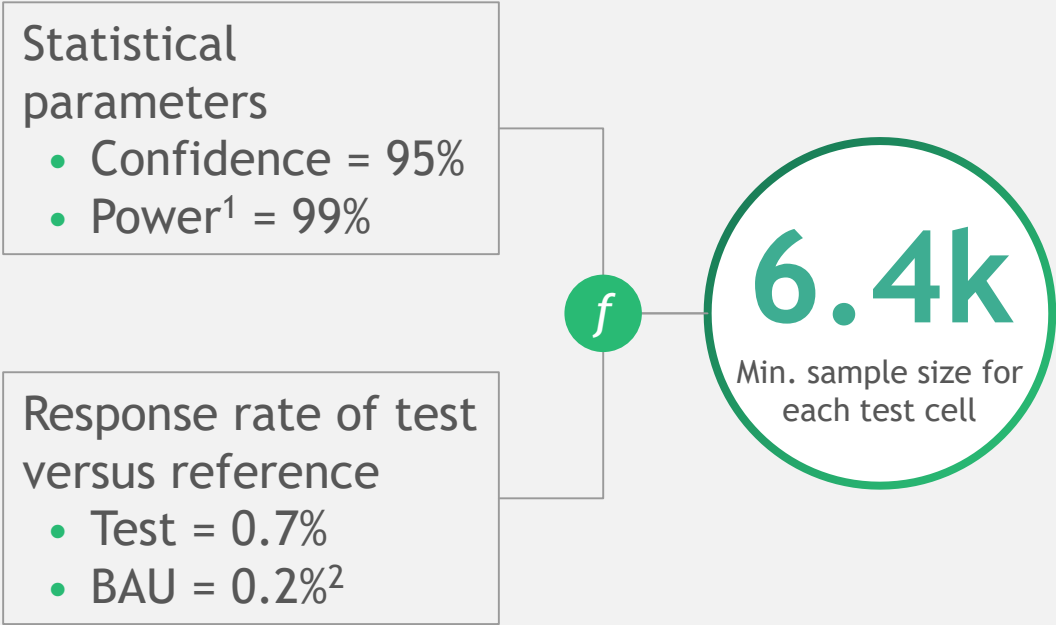
Global Control

~50k customers that will be suppressed from all promotional communications

1. ~8M Club Cinépolis contactable users, ~4.2 M active members; 2. Will only be able to receive informative comms.

Testing campaign effects with statistical significance for the use cases and variants will require ~750k CC members

Sample required to be statistically significant vs reference group



Will require ~750k CC members to run three use cases in parallel

Group	# of variants	Use Case Sample Size
Frequency Challenge	34	~250k
Menu exploration	34	~250k
Box office ticket offers	25	~200k
Total test group		~700k
Control Group	6	~50k
Total		~750k

1. The probability that the test correctly rejects the null hypothesis (H0) when a specific alternative hypothesis (H1) is true
2. Using redemption rate of the frequency challenge promotions they send as a proxy of their BAU;
Source: Historical CC campaign results, BCG Experience

Four key principles for campaign evaluation

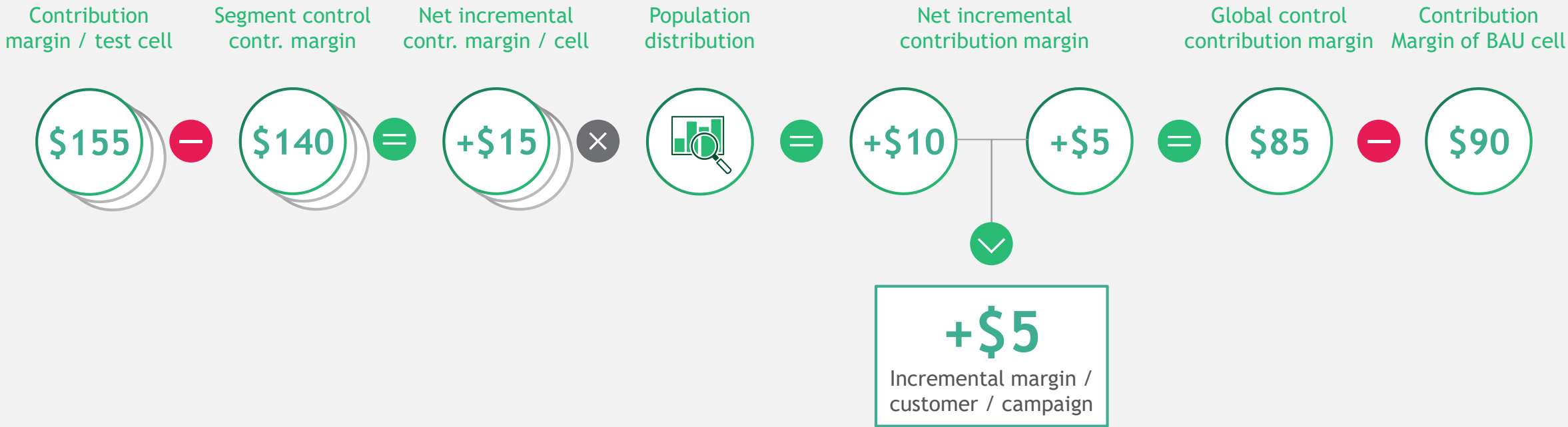
- 1 Results evaluation will be based on gross margin (\$) differentials, after deducting campaign reward costs
- 2 Top performing variants in each segment will be the comparison reference versus BAU and their control group
- 3 CC points will be valued at opportunity cost adjusting for redemption rate¹ (1pt \approx MX\$1.0 x ~80% = ~MX\$ 0.8)
- 4 Operational metrics funnel (e.g. Open Rate, CTR) will be used to inform future designs, not measure campaign success

1. Average redemption rate 76%

Will estimate incremental results by calculating incremental margin difference of test cells vs. BAU

Illustrative

Active - High	20 points	50 points	100 points
+1 visit	\$120	\$155	\$140
+2 visits	\$55	\$60	\$80





Cross-functional Resourcing Needs

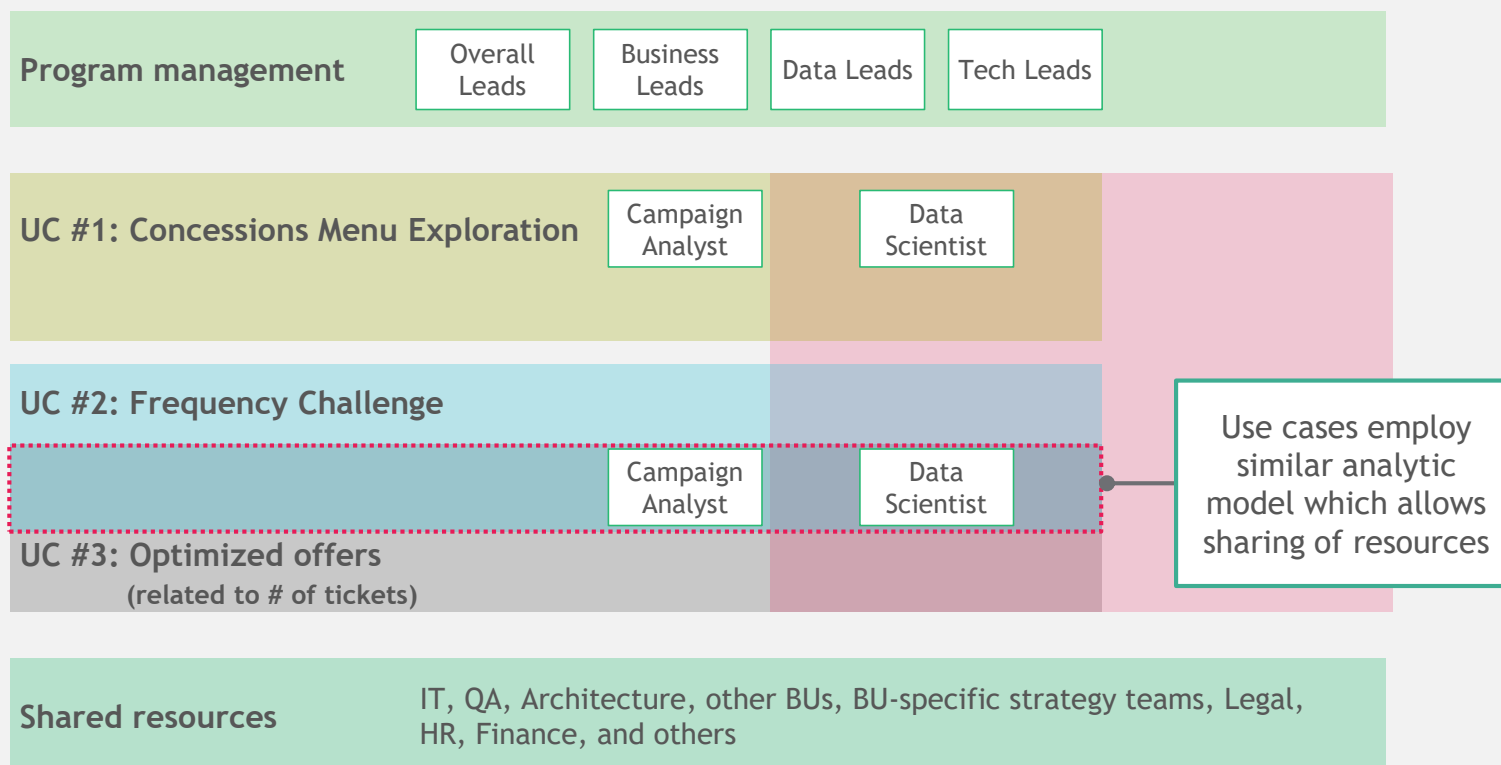
Cross-functional personalization team design based on five core principles

- 1 The majority of members will be dedicated full-time to the team, with virtual co-location (in short term most roles covered by BCG)
- 2 Team members will report dotted line upwards to the overall team lead
- 3 The team will be further divided into use case and enabler-focused pods, to support an agile, sprint-based methodology
- 4 Pod structure will change over the course of the project, as focus on use cases and enablers shifts
- 5 While pods will plan and execute on sprints independently, team leads and the Overall Lead will ensure that interdependencies are clearly managed to follow overall roadmap



We will create cross-functional “pods” focused on execution and break down silos

Illustrative for pilot



Expectation that pods change over time, as additional use cases launch

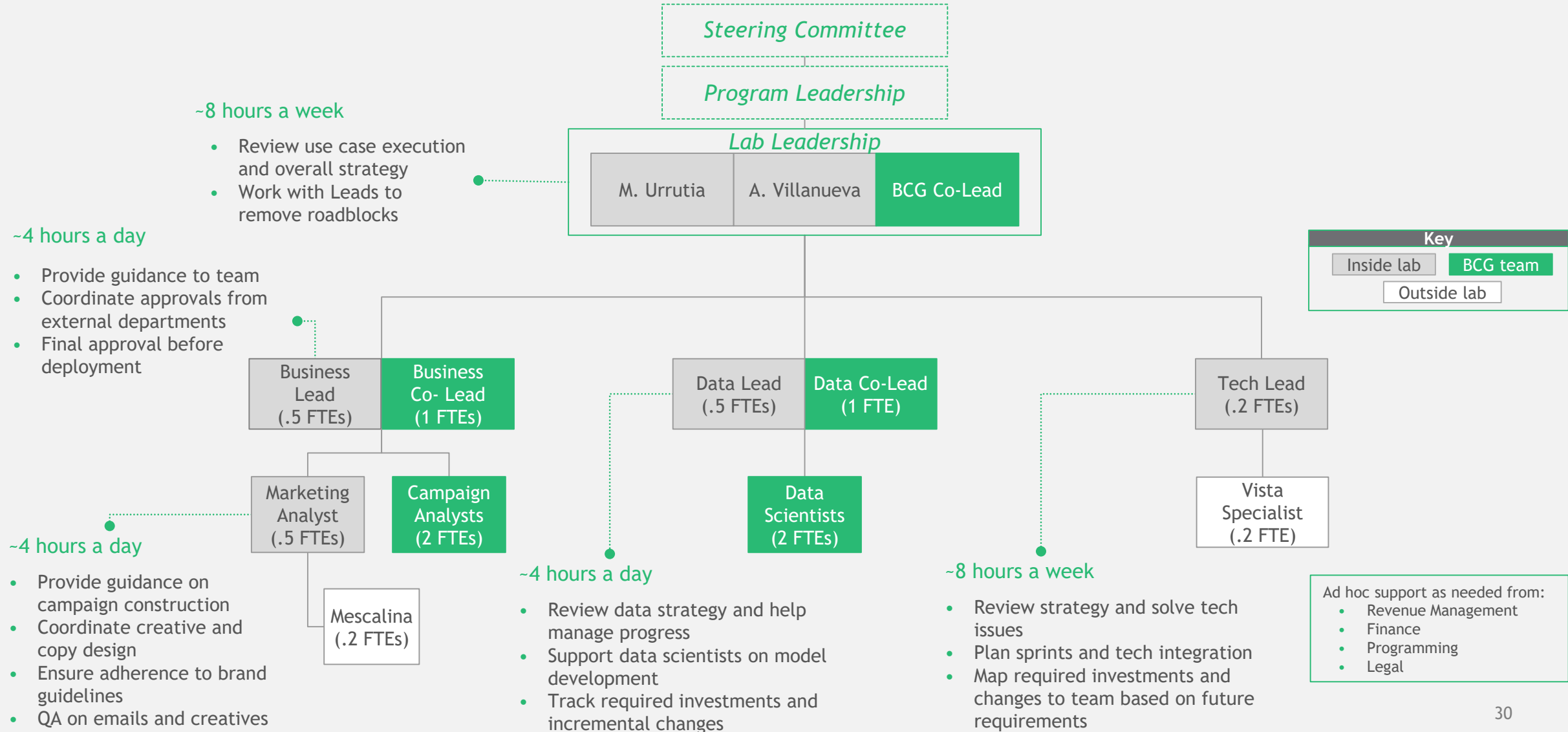
Multiple bodies will govern personalization team

Proposed structure

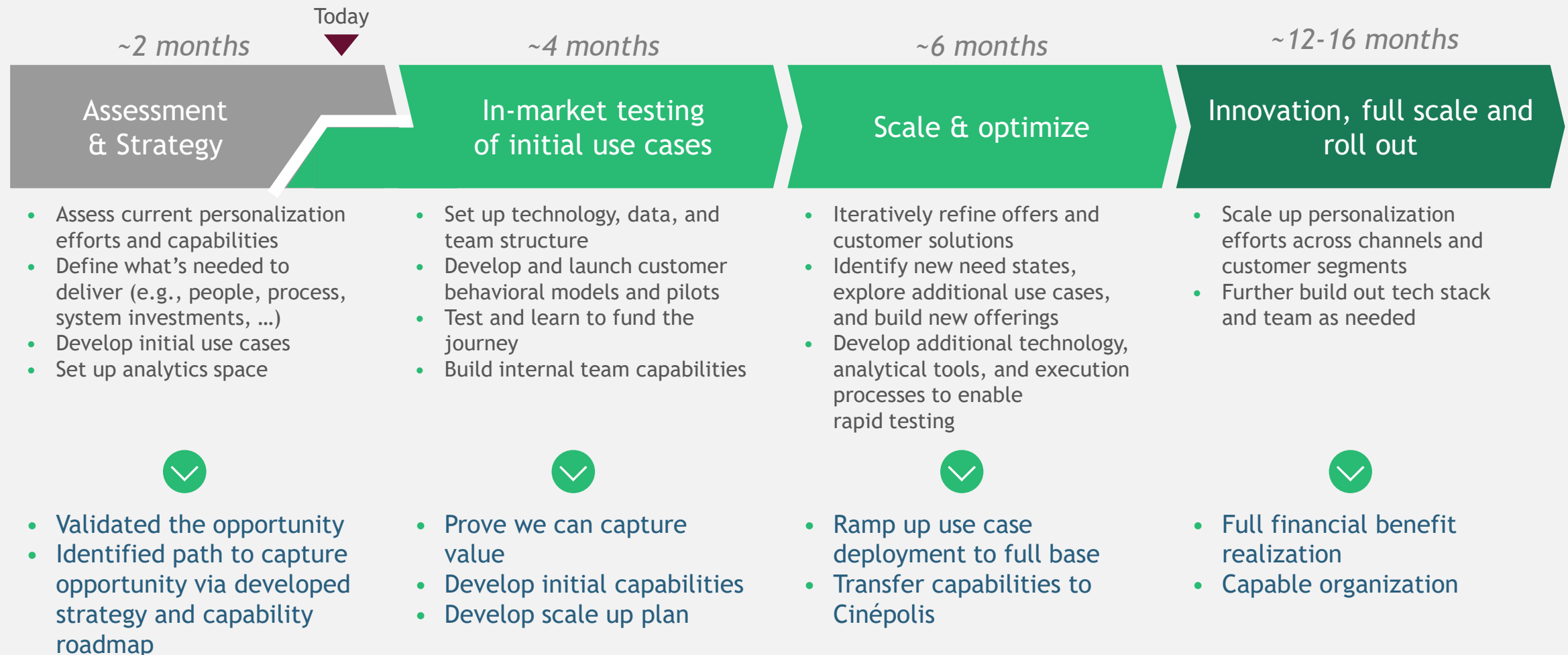
Forum	Stakeholders	Objective	Meeting Cadence
Executive Committee	<ul style="list-style-type: none"> M. Mier M. Vaca A. Lopez B. Rugama G. Morales 	<ul style="list-style-type: none"> Review overall program progress including campaign results Approve recommendations for campaign iterations Review staffing and approve required investments 	2 hours monthly
Senior Leadership Team	<ul style="list-style-type: none"> A. Villanueva M. Urrutia BCG Lead 	<ul style="list-style-type: none"> Review weekly progress & status of key deliverables Align cross-functional operations Mobilize organization to remove roadblocks Prioritize resource asks, use case iterations and issue escalation 	2 hours weekly
Senior Execution Team	<ul style="list-style-type: none"> C. Carreño M. Rivas Lead Data Scientist (TBD) 	<ul style="list-style-type: none"> Review daily status: progress and blockers Review operational interdependencies, cross-functional needs and deadlines Adjust use case scale up plans 	1 hour daily



Proposed structure of personalization team during pilots



As we continue the journey past the pilots, development of the ecosystem will drive increasing complexity





Fully mobilized team could potentially involve ~21 FTEs

		In-market testing of initial use cases (~4 months)		Full-scale optimization and roll-out (~6-8 months)		Best-in-class personalization (12~18 months)	
		Cinépolis ¹	BCG	Cinépolis	BCG	Cinépolis	BCG
Project management	Overall Lead	.2	1	.2	1	.5	1
	Business Lead	.5	1	.5	1	1	1
	Data Lead	.5	1	1	1	1	1
	Tech Lead	.1	-	.5	1	1	1
Use cases	Campaign Analysts ¹	-	2	-	2	-	2
	Marketing Analyst	.5	-	.5	-	1	-
	Mescalina	.2	-	.2	-	.2	-
	Vista Specialist	.2	-	.2	-	.2	-
Pers. platform	Data Engineers	-	-	-	1	1	1
	Data Architects	-	-	-	1	1	-
	Systems SMEs	-	-	-	-	1	-
	Software Engineer	-	-	1	-	1	1
Pers. engine	Data Scientists	-	2	1	2	2	1
Delivery channels	Channel Owner ¹	-	-	1	-	1	-
Total		~2	~7	~6	~10	~12	~9
				~2-3 increase in HC		~4 increase in HC	

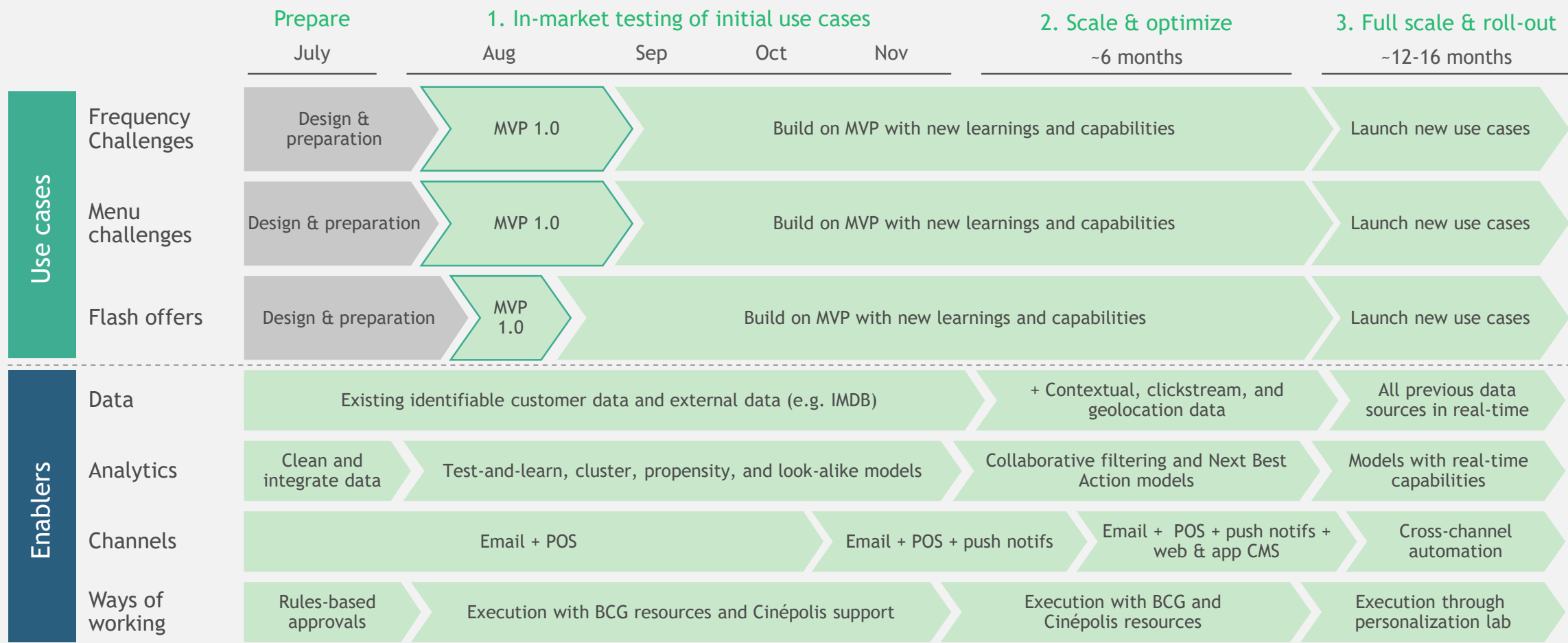
1. Campaign analysts will act as email channel owners during initial use cases

Note: Average numbers only, could fluctuate over time based on needs and available resources; Source: BCG Experience



Roadmap and Next Steps

Proposed roadmap sequencing and major stage gates



We have jointly delivered on objectives of the assessment phase

Immersion Session 1

Immersion Session 2
& go/no-go decision

External and internal assessment

Execution roadmap

Strategic design

- Validated personalization opportunity
- Assessment of customer journey, pain points, and need states
- List of personalization use cases to improve the customer experience, leveraging personalization trends and industry exemplars
- Long term personalization vision

Tech, data & analytics

- Robust mapping of data flows and technology stack as it relates to marketing and analytics
- Assessment of analytical sophistication as it relates to personalization
- Highlighted gaps between existing capabilities & use case requirements
- High-level roadmap of capabilities required to enable personalization

Ways of working

- Map of existing campaign execution process and high priority pain points

- Identified path to capture personalization opportunity
- Pilot execution experiment design and measurement framework
- Roadmap for enablement: including required tech stack, data structure, and analytical capabilities
- Overall investment case to self-fund the journey
- Personalization org. design; including resourcing, RDs, and governance
- Principles of agile marketing as a personalization enabler



What we need from Cinépolis for an August start

To maintain momentum, make a decision on the go/no-go by first week of August

Define rules / guidelines to provide more flexibility to personalization team during execution

- Assigned loyalty points' budget
- Eligible products for offers and acceptable discount depth
- Studios' marketing calendar restrictions

Provide personalization sandbox CC members for initial use cases

- Isolated from other BAU activities

Approve/appoint proposed Cinépolis resources to support execution



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