## Developing a strong ideation engine





Before we get started...

- → Feel free to ask questions at any time!
- → Engage in discussions.
- → We will be using laptops for certain sections.
- → We are recording this session and will email a link to the recording.
- → We will follow up with an email containing resources.
- → Please give us feedback in the survey at the end of this session.







## During this session, you'll learn how to...

- 1. Connect testing to your business goals
- 2. Use data to drive experiment ideation
- 3. Design hypotheses that impact goals
- 4. Leverage an effective testing process

**Duration: 2 hours** 

## Utilize the Testing Cycle

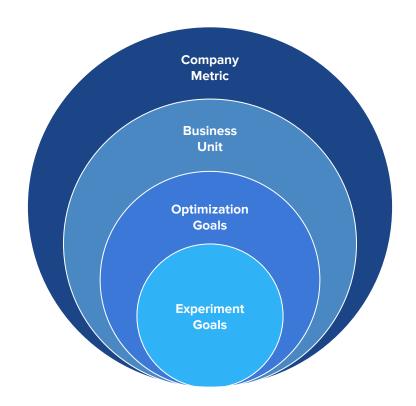




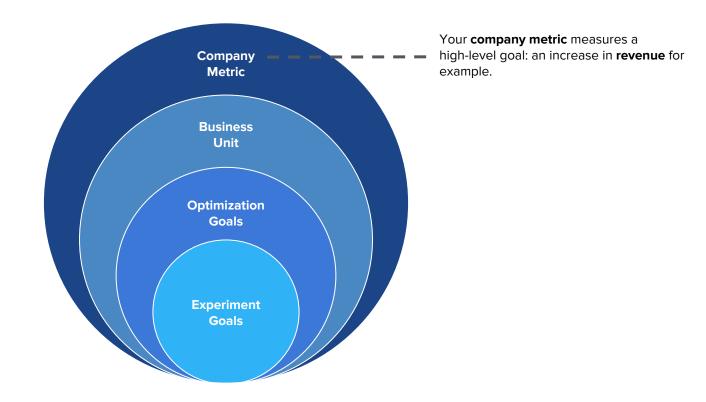


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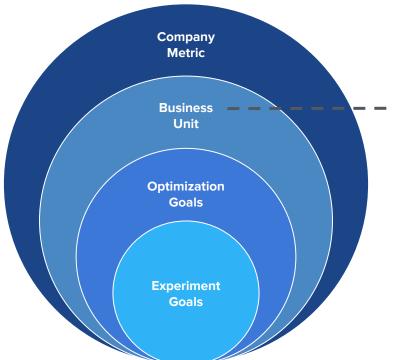
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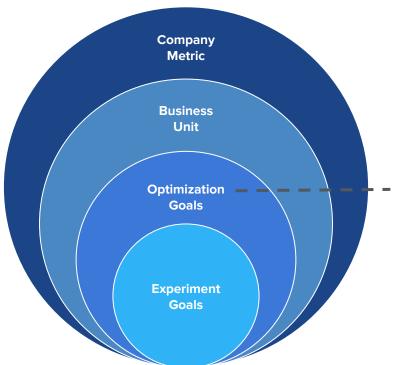




Your **company metric** measures a high-level goal: an increase in **revenue** for example.

Each **business unit** takes a different approach to that metric. For example, each category/department (lips, face, etc) is focused on increasing the **revenue per visitor (RPV)**.



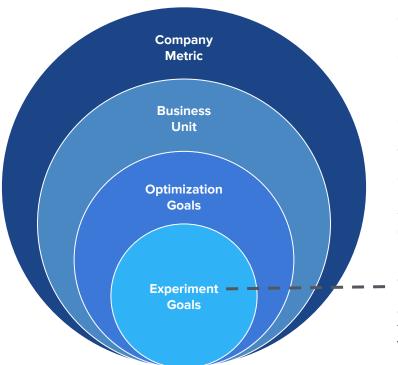


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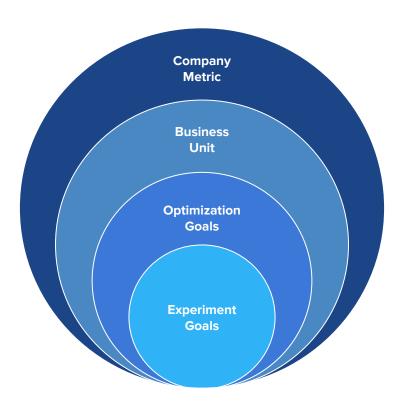
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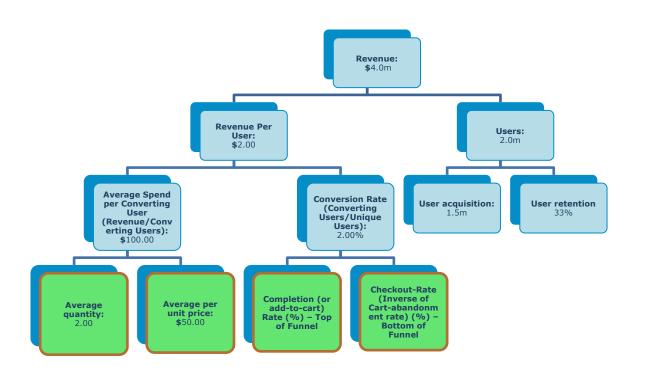
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#### Goal Orientation - eCommerce



#### **Reasons for Goal Tree:**

#### **Comprehensive:**

 Visually analyzes the entire site's opportunity, and help avoid opportunity cost

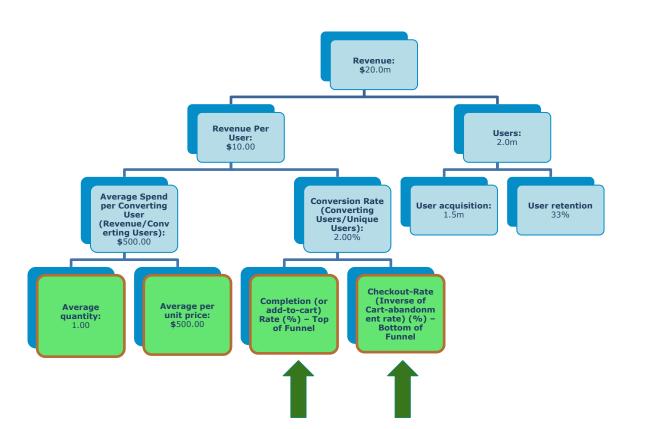
#### **Alignment:**

 Allows teams to explicitly align testing goals to business goals; keeps ideas tightly focused

#### **Productive Brainstorming:**

 Strategic foundation for creative brainstorming, helping to garner a volume of ideas for prioritization

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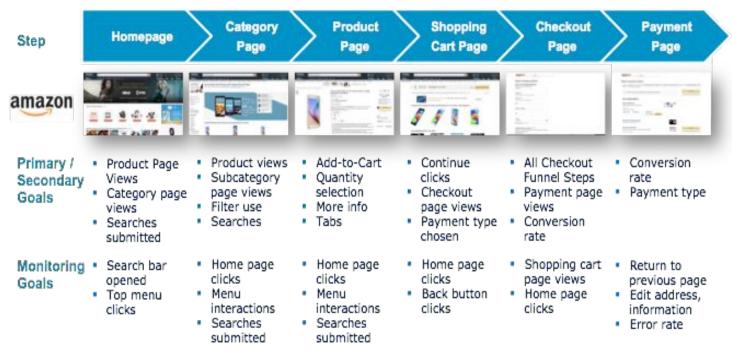
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## Primary/Secondary & Monitoring Goals



Define Primary, Secondary, and Monitoring Goals:

https://help.optimizely.com/Track Conversion Goals/Define primary, secondary, and monitoring goals

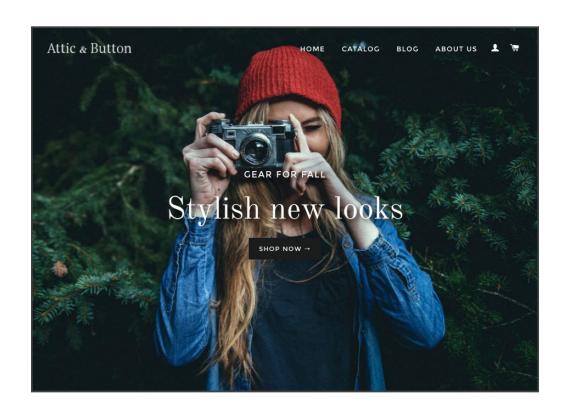




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#### Use data to drive experiment ideation





## Identify the problem you will address

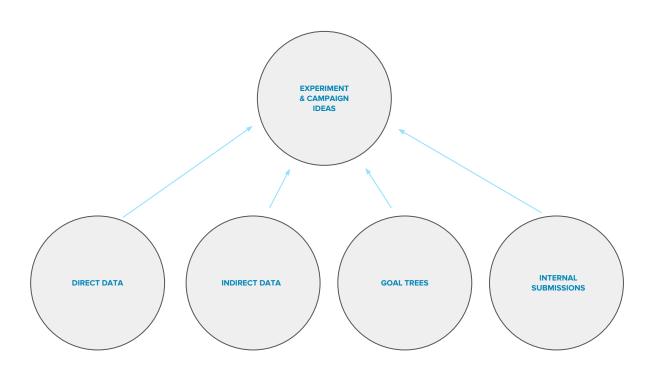
#### 1. Conduct research using both direct and indirect data

- Results from prior experiments
- Web analytics
- Heat maps

- User testing
- Competitive reviews
- Industry trends

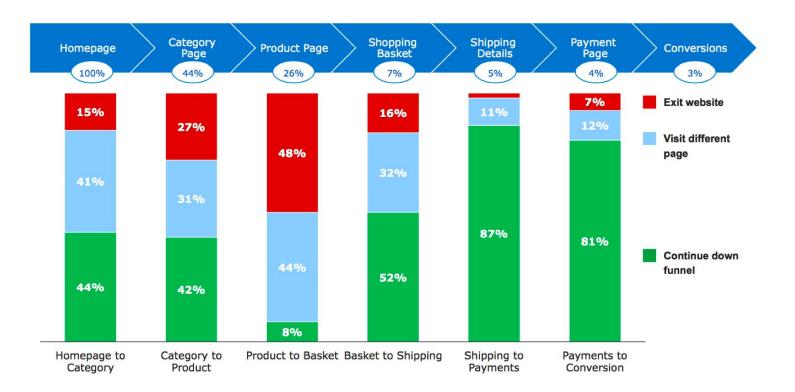


## Consider multiple sources





#### Use data to drive experiment ideation





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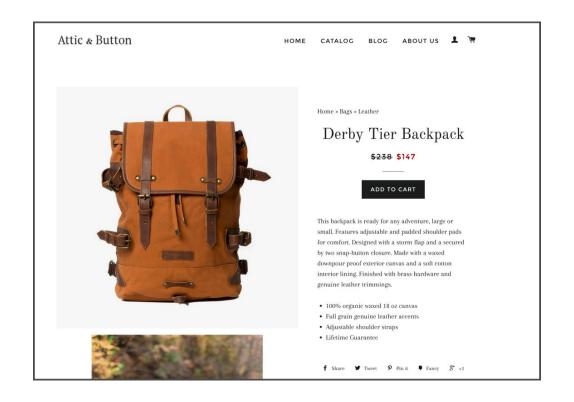
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#### 2. Identify the goal

For example: "increase Add to Cart clicks on the product detail page."

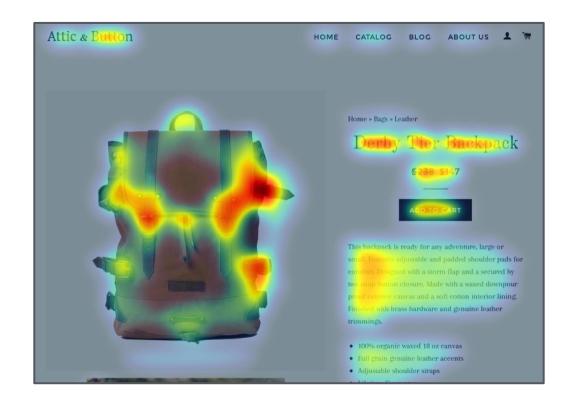


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#### 2. Identify the goal

For example: "increase Add to Cart clicks on the product detail page."

#### 3. Formulate a problem statement

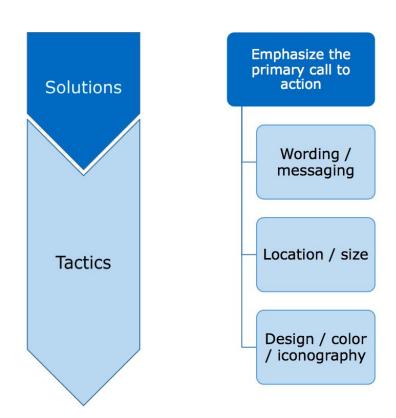
For example: "The Add to Cart CTA doesn't stand out."



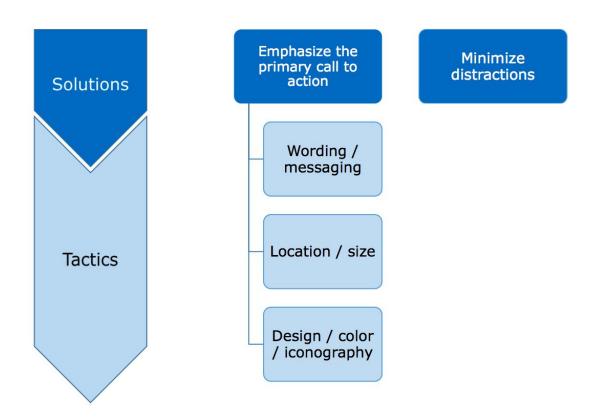


Emphasize the primary call to action

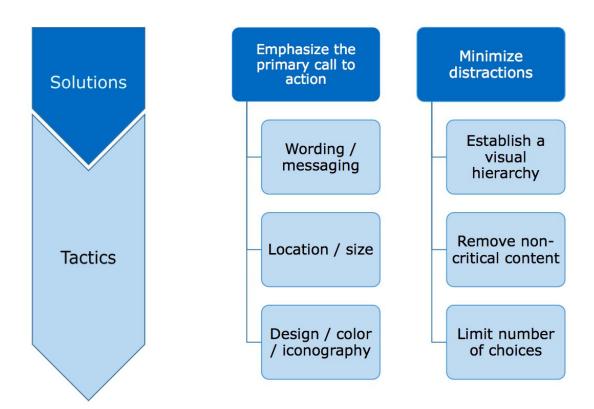






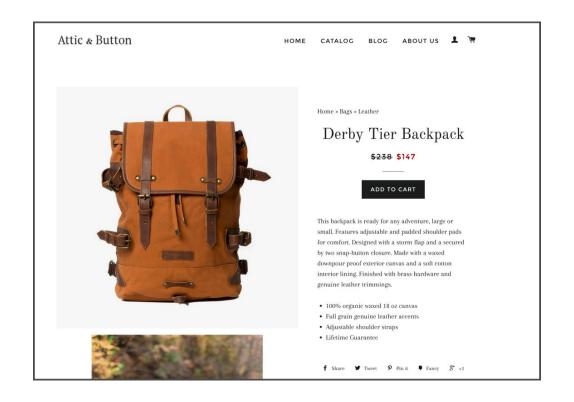








#### Use data to drive experiment ideation





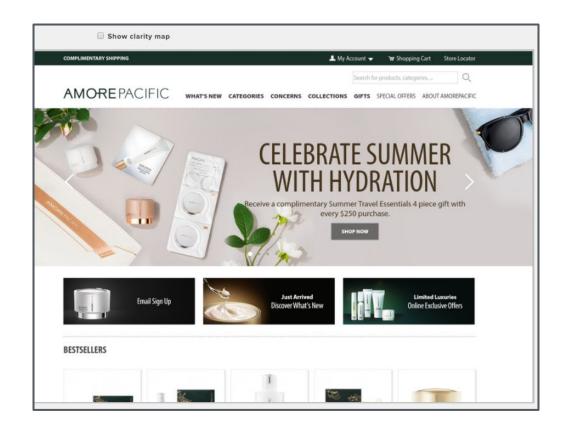
#### Questions:

# What are other sources we could use to identify problems on this page?

# Eyequant: Heat Mapping Exercise

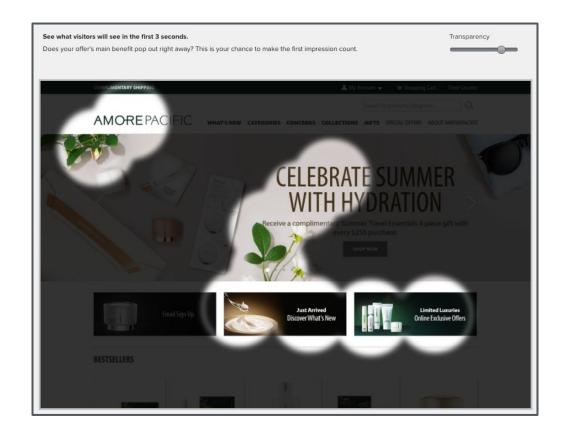
us.amorepacific.com

## us.amorepacific.com





## **Eyequant - Perception Map**



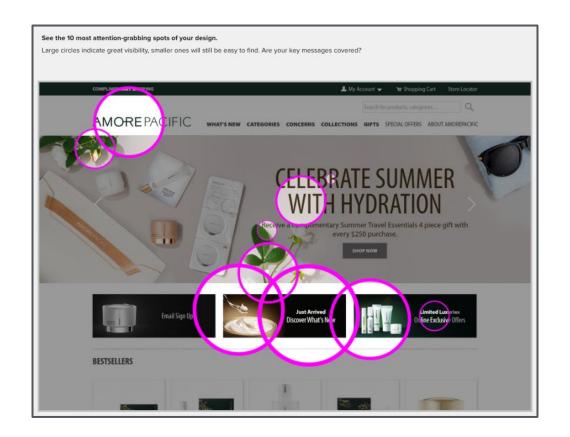


## **Eyequant - Attention Map**





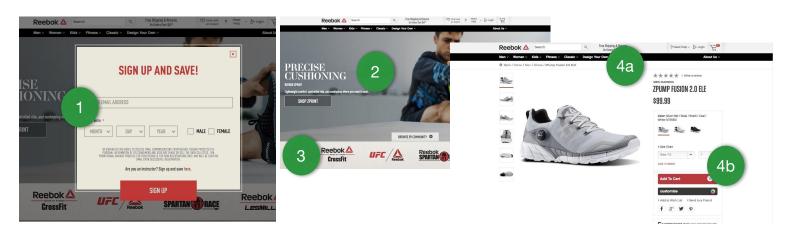
## **Eyequant - Hot Spots**





## **Competitive Reviews**

# Competitive Reviews - eCommerce winners

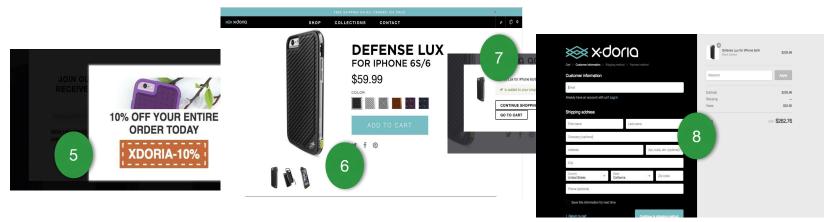


#### Reebok:

- 1. Sign-Up action encouraged by CTA to save & pop-up
- 2. Newest or highest-ROI product displayed prominently above the fold
- Corporate logos help encourage customers to particular sections: UFC, Crossfit, etc.
- 4. Red add-to-cart button with option to customize & minimized exits



## Competitive Reviews - eCommerce winners



#### X-Doria (iPhone cases):

- 5. Offers coupon to entrants for all future purchases
- 6. Clean design, emphasis on selecting a color, minimized exits, one call-to-action 'Add'
- 7. Timed pop-up after 'add-to-cart' click that allows user to 'continue shopping' or 'go to cart' (disappears 5s)
- 8. All shipping information above the fold & in one area

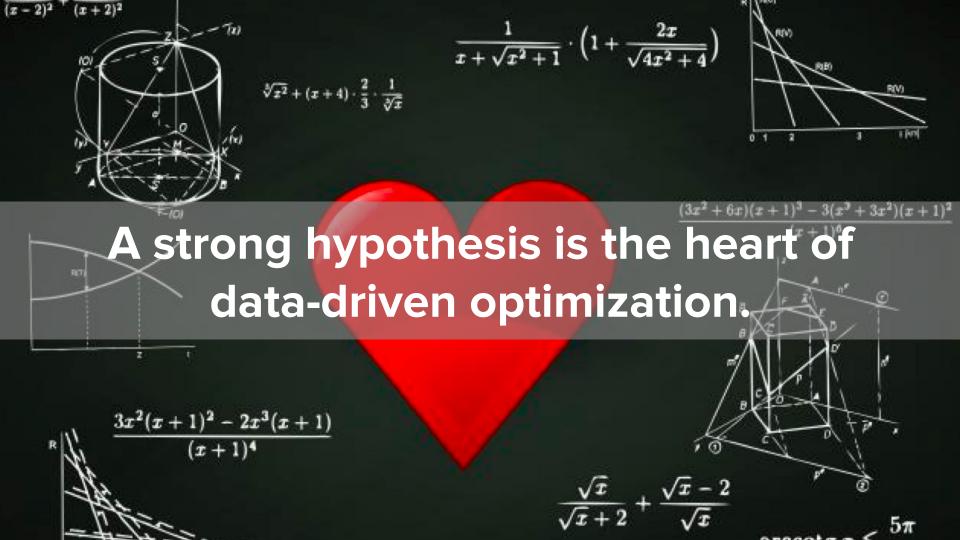






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### Problem

### Solution

### Result

- Clearly define your problem
- Validate it using quantitative and qualitative data

- Describe the proposed solution
- Propose a rationale as to why it will solve the problem
- Suggest metrics to measure for this experiment
- Set a criteria for success and failure



Problem	Solution	Result
Definition	Description	Metrics
Validation	Rationale	
Validation	Rationale	



#### Problem

#### Definition

Users are distracted by unnecessary content on the product detail page

#### Validation

Heat mapping shows hot zones in less important areas like social share buttons and description bullets

#### Solution

Description

#### Rationale

#### Result

Metrics



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#### Solution

#### Description

Remove social share options, shorten lengthy product description

#### Rationale

Having less content on the page will cause users to focus on the product title, image, price, and Add to Bag CTA

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#### Metrics

Primary: Add to Cart Clicks Secondary: Purchases, Revenue



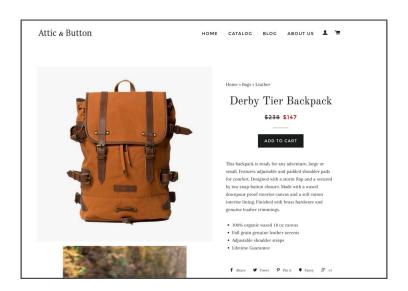
### Exercise:

# How can we improve this hypothesis

**Problem:** People aren't adding products to the cart.

**Solution:** Remove unnecessary content on the product detail page.

**Result:** Increase in purchases





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- The solution is too vague. What content are we removing?
   What's our rationale for removing it?



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**Problem:** People aren't adding products to the cart.

**Solution:** Remove unnecessary content on the product detail page.

**Result:** Increase in purchases

- There's no validation. How do we know this?
- The solution is too vague. What content are we removing?
   What's our rationale for removing it?
- Purchases is too far down the funnel for a primary goal.



**Problem:** Visitors are currently distracted by unnecessary content on the product detail page. Heat mapping shows hot spots around the lengthy product description.

**Solution:** Remove the product description bullets and social share icons. Minimizing these distractions will shift attention to the Add to Cart CTA

**Result:** Increase in % of users that add products to cart





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## Use a roadmap to stay organized



- What are you testing?
- When are you testing?
- How are your experiments prioritized?
- What were the results from past experiments?



# Utilize the Testing Cycle







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Q&A

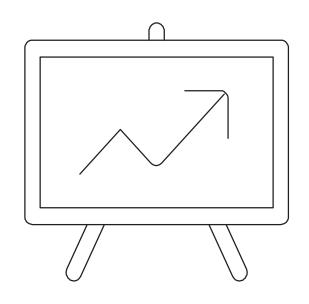




### **Data-Driven Ideation**

# Simple formulas to help you start prioritizing your pages:

- Opportunity = [# of Visitors] X [Bounce Rate]
  - Ex 1: Selection (Category-Grid) Page 15,000 visitors X 40% Bounce Rate = 6,000 visitors (opportunity)
  - Ex 2: Credit-card details page— 7,000 visitors X
     90% Bounce Rate = 6,300 visitors (opportunity)
  - Takeaway: It is important to look at your visitors & bounce rates for all of your pages to properly assess where you can have the greatest impact with your testing





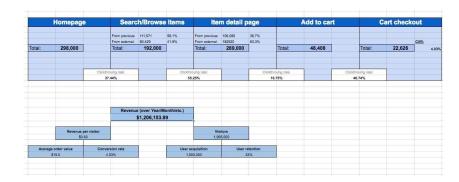
### Data-Driven Ideation: Tools

#### **Revenue Tree:**

- Use the revenue tree template to help illustrate to your stakeholders where the highest opportunities for testing are. Specifically, when trying to convey how a conversion uplift at a particular stage in the funnel translates to incremental \$\$ in revenue.
  - ex. Is a 10% increase in CVR on the homepage more valuable than a 5% increase in CVR on the cart-checkout page?

#### **Funnel Report:**

 Use the funnel report to also slice your traffic into: mobile vs. desktop; new vs. returning; & direct vs. paid traffic - just as a starting point for seeing your highest opportunity areas.



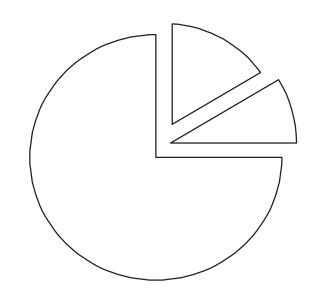
Month View - All Users	Homepage	Search/Browse Page	Item Detail Page	Cart Page	Checkout	Purchase Confirmation	Key:		
# users	700,000	400,000	300,000	200,000	100,000	50,000	Inputs		
Retention (from LP)		57.14%	42.86%	28.57%	14.29%	7.14%			
Retention rate to next step	57.14%	75.00%	66.67%	50.00%	50.00%		Auto Calculates		
Drop-off	42.86%	25.00%	33.33%	50.00%	50.00%				
CVR from STEP to PURCHASE	7.14%	12.50%	16.67%	25.00%	50.00%				
# users droped off (Traffic x Drop-off)	300,000	100,000	100,000	100,000	50,000				
# users opportunity to convert	37,500	16,667	25,000	50,000	50,000		Output		
Normalized Opportunity score	63%	0%	25%	100%	100%		Output		



### **Data-Driven Ideation**

# Simple formulas to help you start prioritizing your pages:

- Net Impact = Reach (% of total visitors) X Expected Lift (% lift)
  - Ex 1: Home-screen button color change 70% of visitors X 5% increase in completions = +3.5% Net Impact
  - Ex 2: Removing fields/steps in check-out flow –
     40% of visitors X 20% increase in completions
     +8% Net Impact
  - Takeaway: Lift & Reach are equally important!





### Who are our customers?

• Where are they from?

• When do they visit us?

• How did they find us?

• What do they buy?

• What is their age and gender?

• How long do they decide?

• What devices do they use?

• How often do they return?

