



#### Today's Workshop Agenda

- 1. About Azira: Who are we? What is this data?
- 2. Examples: How Azira is used for Regenerative Tourism
- 3. Kauai: A Regenerative Tourism Story
- 4. Workshop: Hands On with Data!

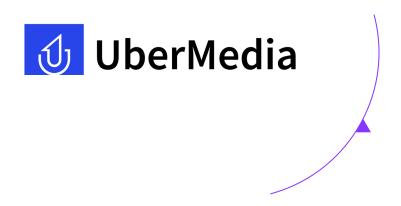


#### **Evan Saunders: an intro**





#### UberMedia > Near > Azira







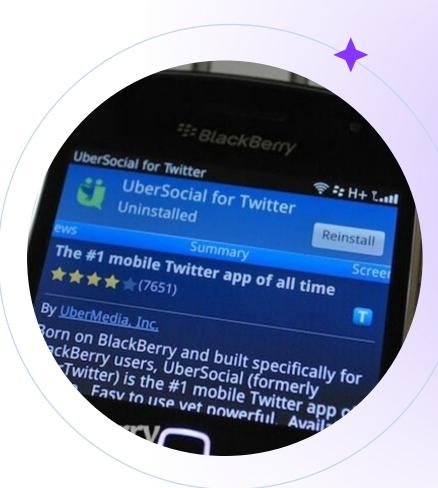


#### Where did this data originate from?









#### Serving Hundreds of Destinations Globally







# Consumer Behavior with Geo Location Data



#### How the data can be used for Regenerative Tourism

- 1. Insights: Data for Understanding Tourist Behavior
- 2. <u>Activation</u>: Media Buying with Custom Tourism Audiences aimed at the right tourists!
- 3. Foot Traffic Measurement: Attribution (Did it Work?)





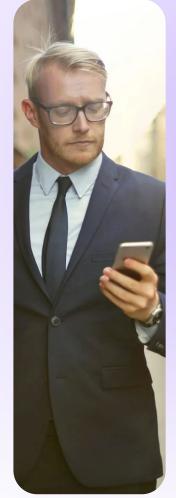
#### Let's Start with Phone and their Device IDs...







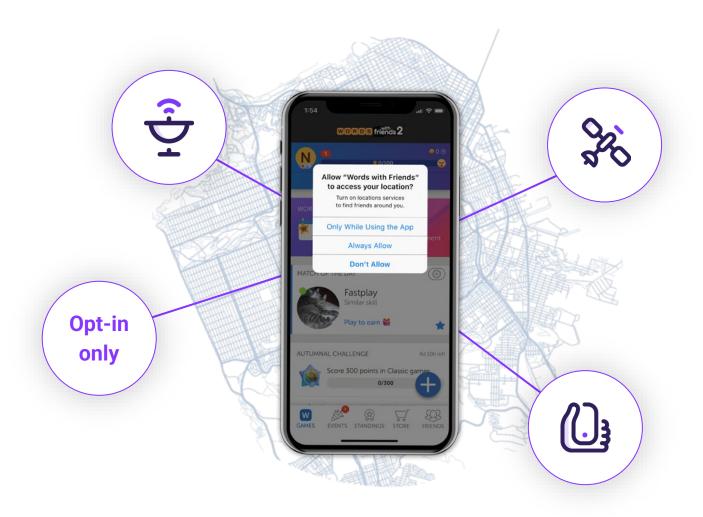


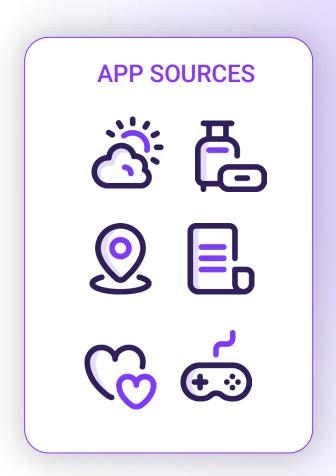






#### Phones Give off their Location...

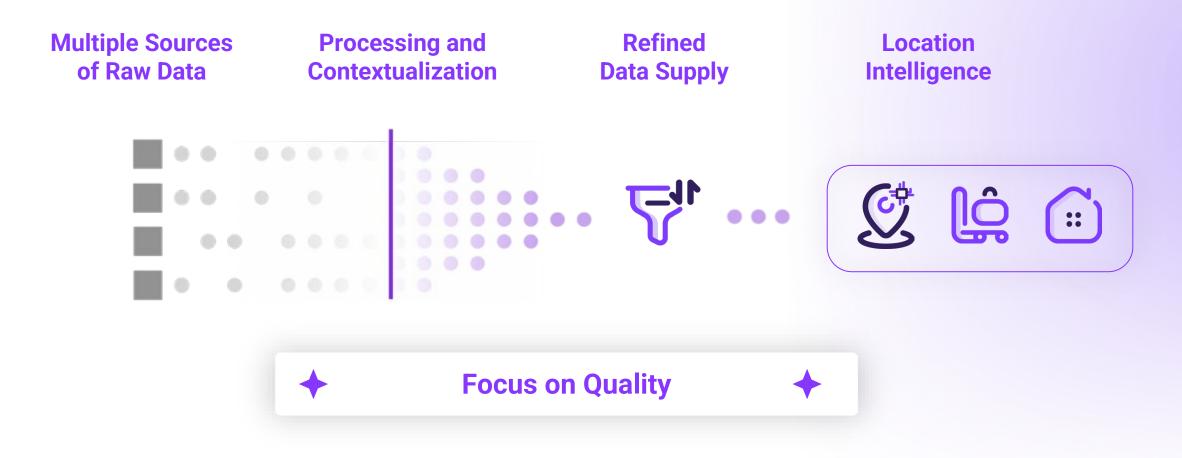






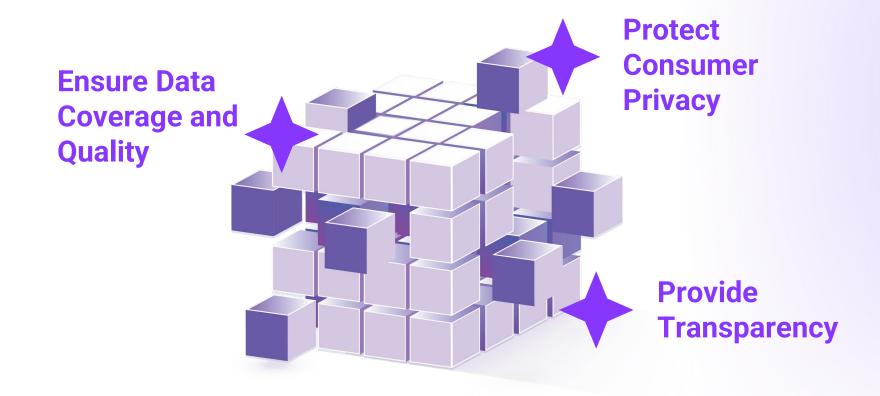
#### What Is Consumer Behavior Data?

Powerful data on people and places to understand consumer patterns, origin, profiles and more



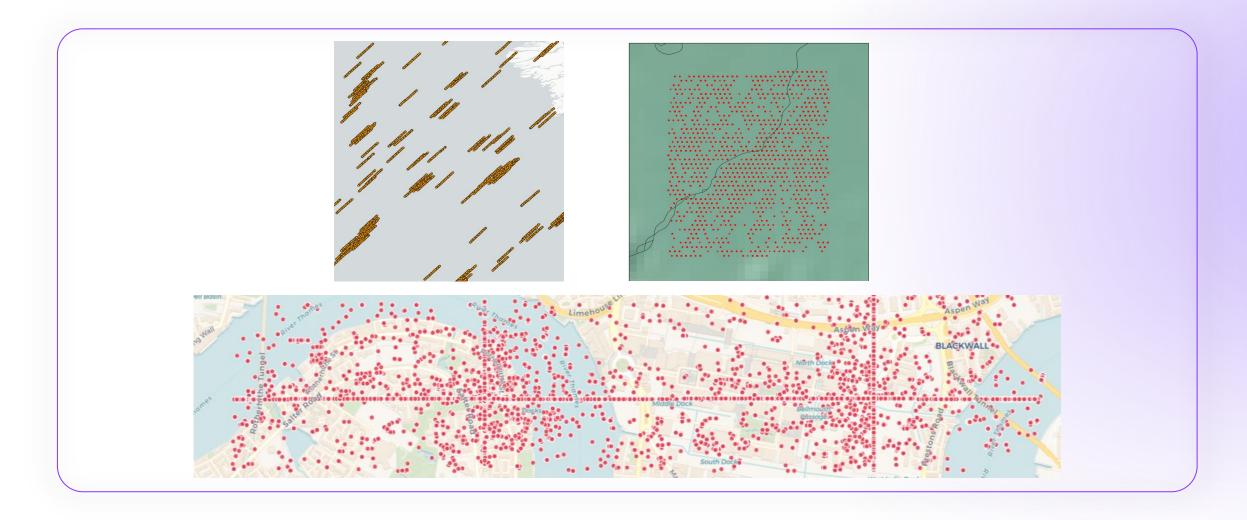


# Three Guiding Principles for Azira with Consumer Behavior Data



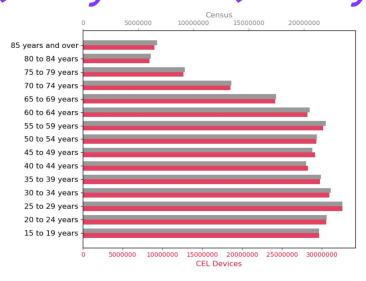


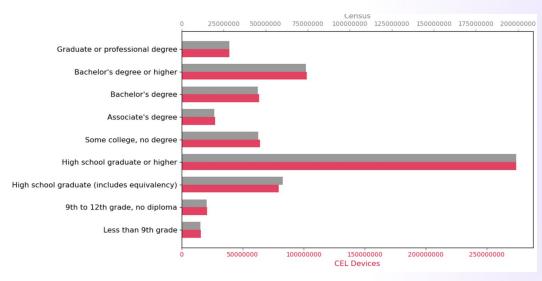
# **Removing Anomalies**

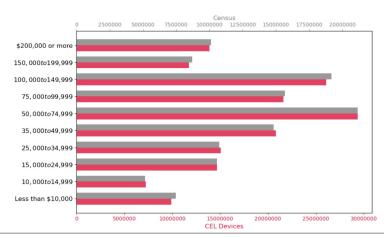


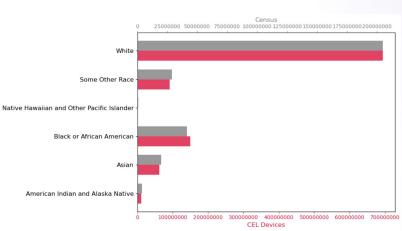


### Transparency in Representativeness Quality Over Quantity







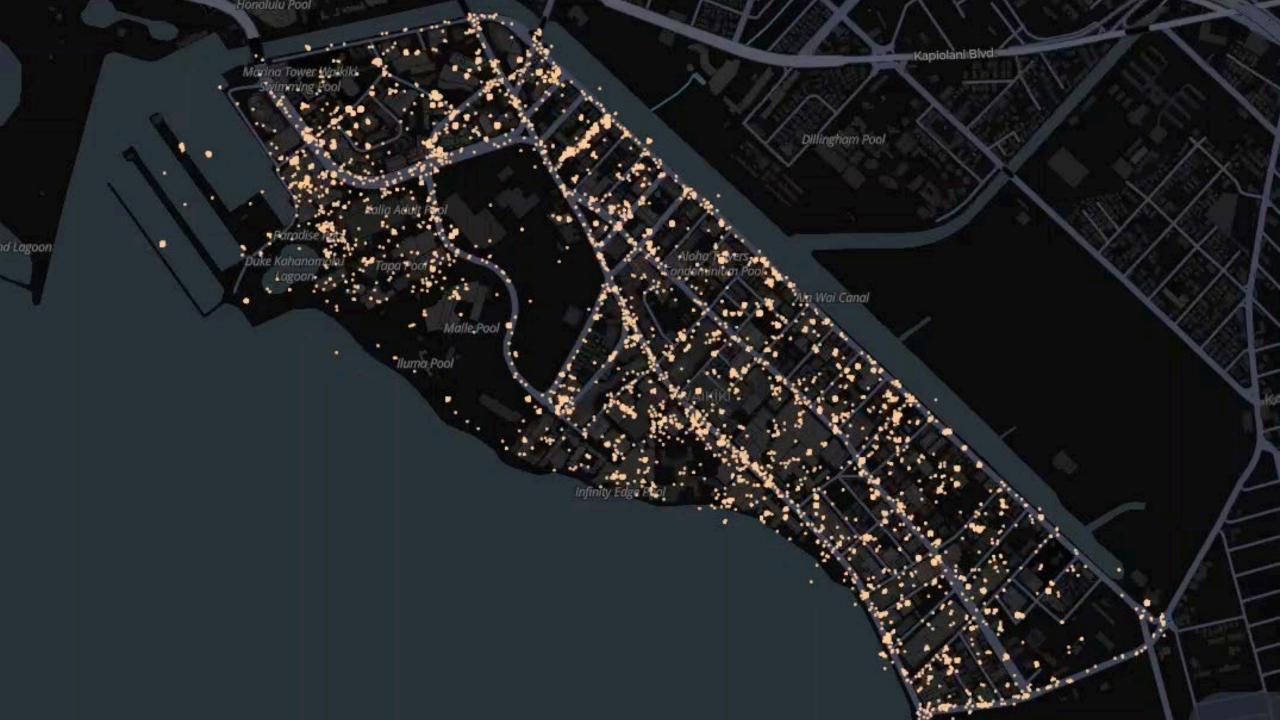




#### iOS and Android

22-Jan-24	Android	iOS	total_devices
AUS	48.500%	42.583%	7366302
ESP	83.283%	12.120%	2267931
FRA	66.653%	25.960%	2696006
GBR	34.064%	20.299%	11694307
CAN	44.767%	36.033%	13693149
USA	45.690%	39.936%	129269545
SGP	63.322%	25.159%	446844

5-Apr-24	Android	iOS	total_devices			
AUS	48.846%	42.715%	8197239			
ESP	82.075%	12.532%	1829254			
FRA	62.592%	25.777%	1848589			
GBR	34.512%	22.092%	7833524			
CAN	43.614%	35.434%	15484321			
USA	43.489%	33.942%	165897186			
SGP	61.665%	22.110%	686923			





# Device IDs – Where They are From. Where They Stay

Hotel	Hashed ID	Country	DMA	Admin	State	Zipcode	Census Block Group	Date
The Royal Hawaiian Resort Waikiki	aaeb031913cb60e92e4	USA	Miami-Fort Lauderdale, FL	<b>Broward County</b>	FL	33027	1.2011E+11	8/2/24
The Royal Hawaiian Resort Waikiki	b157dd0c1bf448aea66	USA	Los Angeles, CA	Los Angeles County	CA	90274	6.0377E+10	8/2/24
Hilton Garden Inn Waikiki Beach	f849e1f9bdf90a1be672	USA	Phoenix, AZ	Maricopa County	AZ	85295	4.0138E+10	8/2/24
Hilton Garden Inn Waikiki Beach	8688f8eb5f1ab5fdf4883	USA	Las Vegas, NV	Clark County	NV	89139	3.2003E+11	8/2/24
Ritz-Carlton Waikiki Beach	bbac7f632c81f6905de0	USA	Butte-Bozeman, MT	Gallatin County	MT	59714	3.0031E+11	8/2/24
Ritz-Carlton Waikiki Beach	241f1a2f2f107ac9b807	USA	Los Angeles, CA	Los Angeles County	CA	91011	6.0375E+10	8/2/24
The Royal Hawaiian Resort Waikiki	aa5e6c3be5c7ead5b43	USA	San Diego, CA	San Diego County	CA	92009	6.073E+10	8/2/24
Ritz-Carlton Waikiki Beach	5d9c7ad03098a4daec7	USA	San Antonio, TX	<b>Bexar County</b>	TX	78260	4.8029E+11	8/2/24
The Royal Hawaiian Resort Waikiki	d43778c7ae9fbe4f8fb1	USA	Honolulu, HI	Honolulu County	HI	96797	1.5003E+11	8/2/24
The Royal Hawaiian Resort Waikiki	4b9f95d07588098dcc9	JPN		Edogawa ku				8/2/24
The Royal Hawaiian Resort Waikiki	c48abfa0c164e4b6d404	USA	Chicago, IL	Cook County	IL	60010	1.7032E+11	8/2/24
Ritz-Carlton Waikiki Beach	a6c8f36177586002e18	MCO		Monte Carlo				8/2/24
The Royal Hawaiian Resort Waikiki	a85a3e1c9c946111202	USA	Denver, CO	<b>Douglas County</b>	СО	80108	8.035E+10	8/2/24



# Privacy Is Pivotal to Working with Human Movement Data

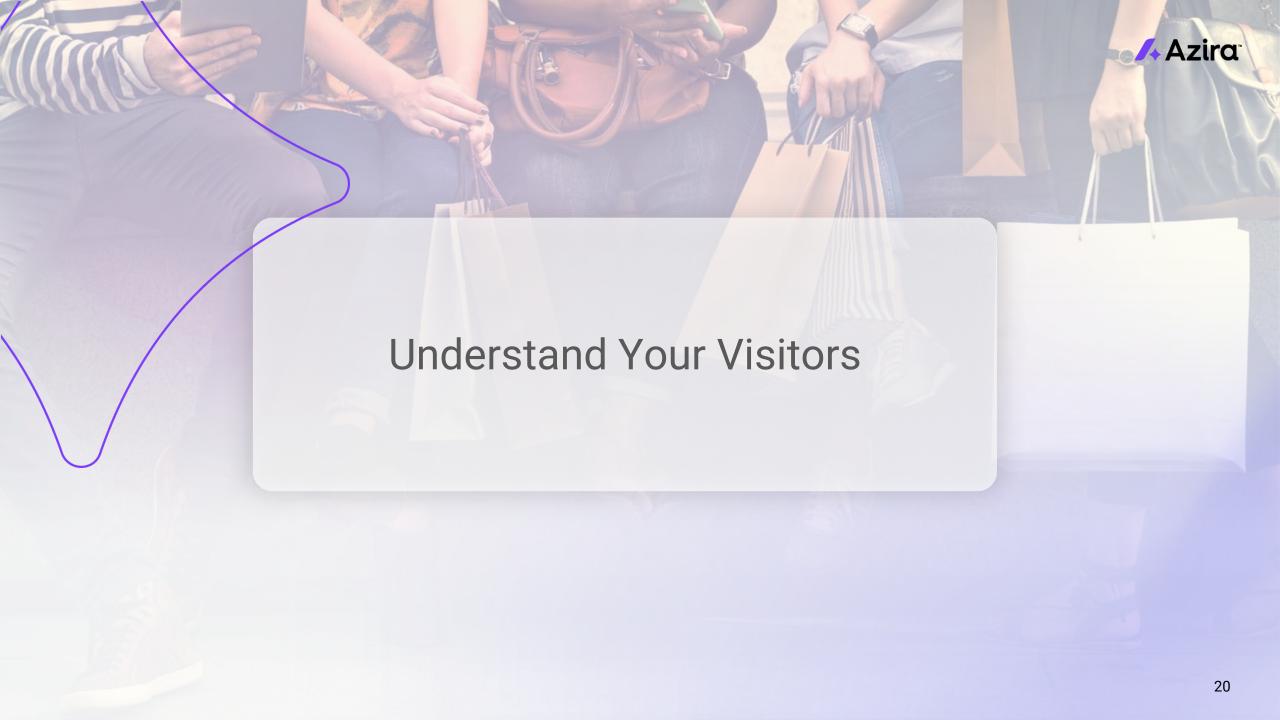
There are many groups & government entities setting up privacy standards





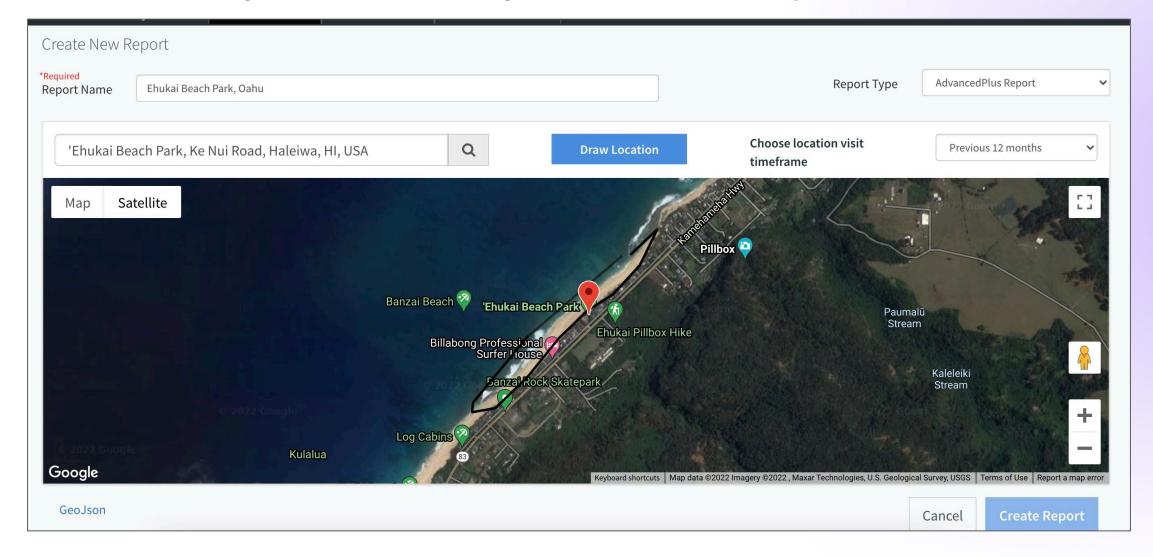






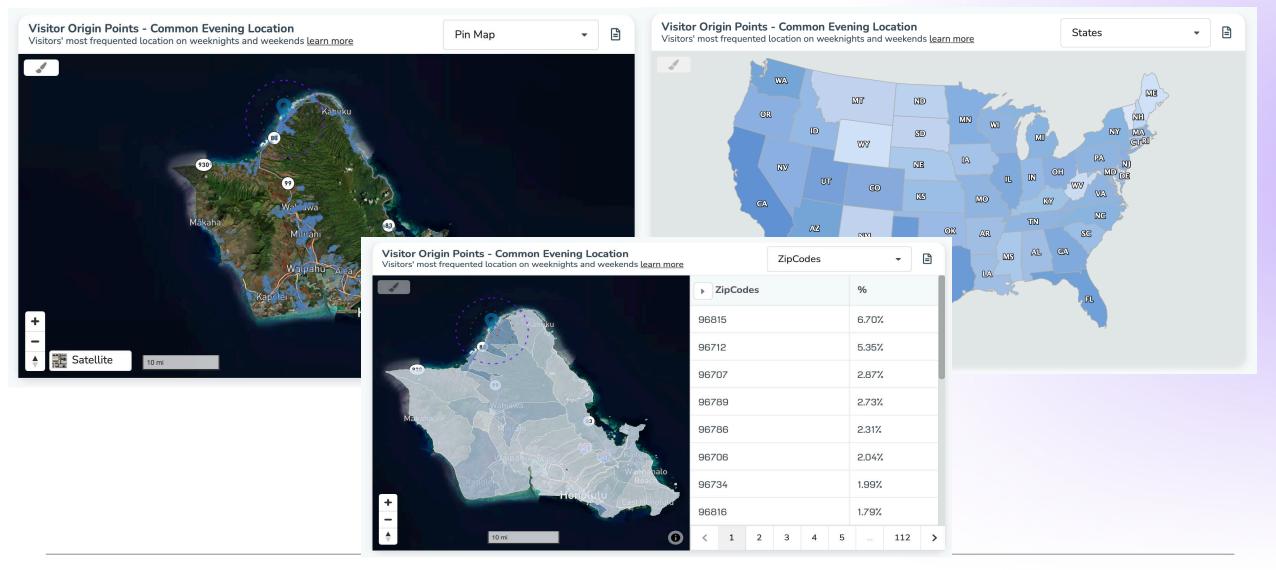


#### **Geofence Any Location Anywhere for Insights**



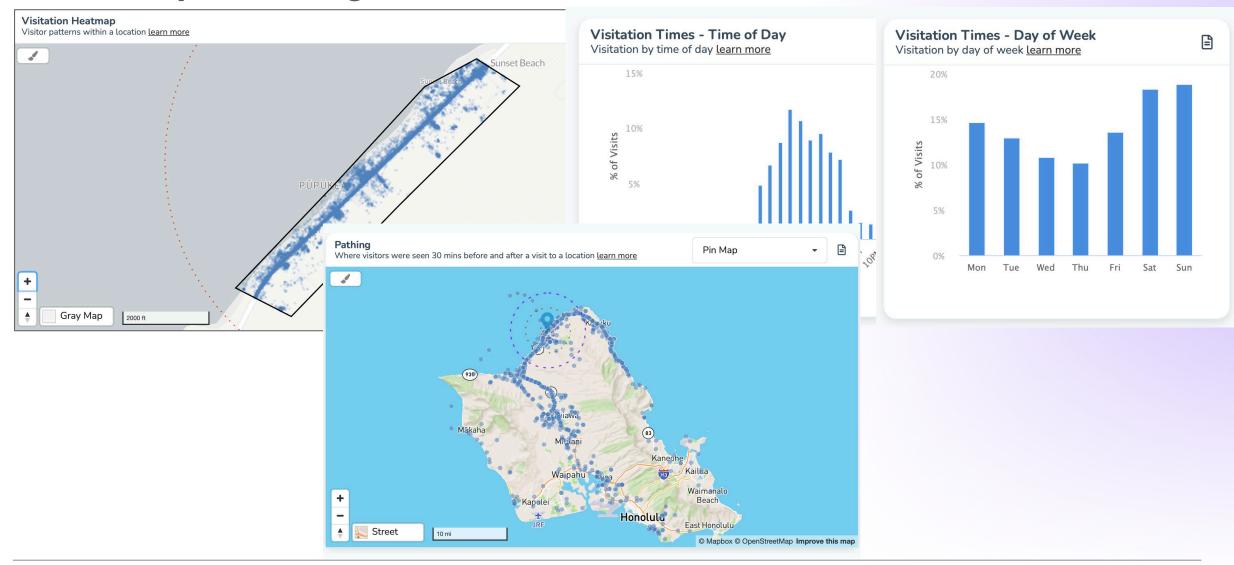


#### Insights on Where Visitors are From

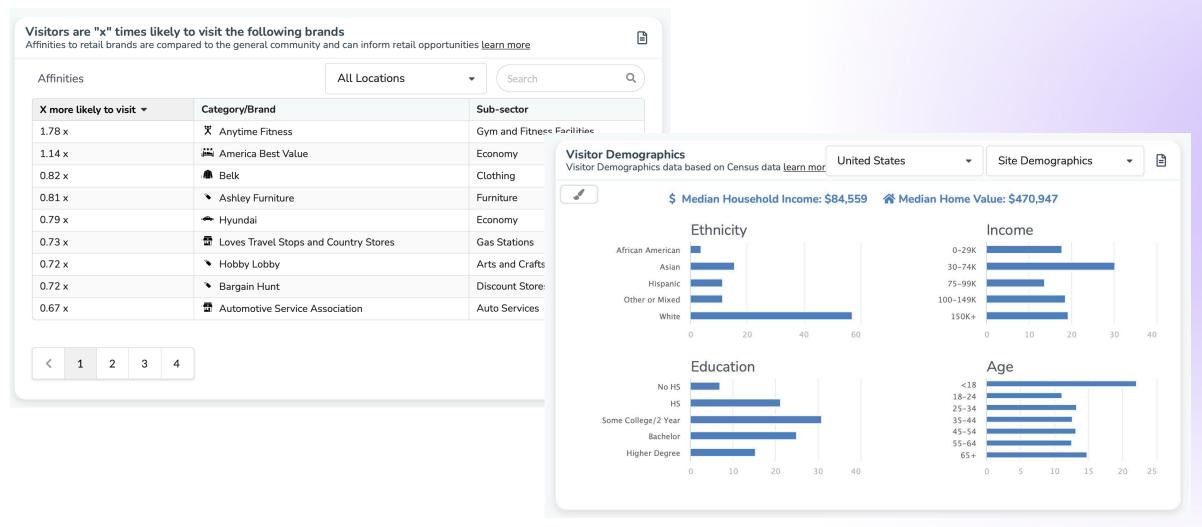




### Heatmap, Pathing, and Visitation Trends

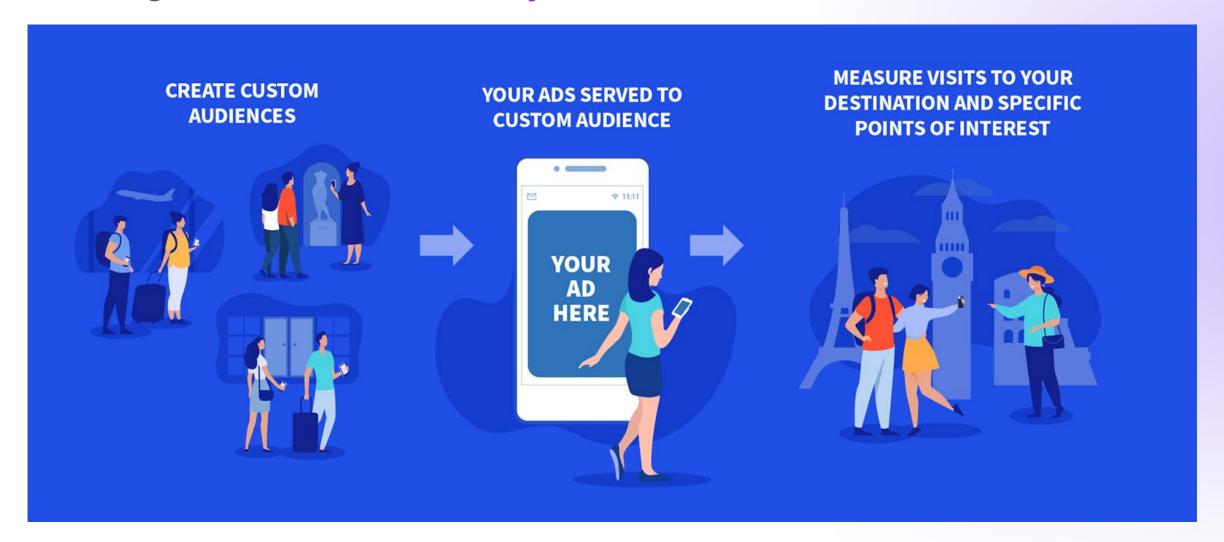


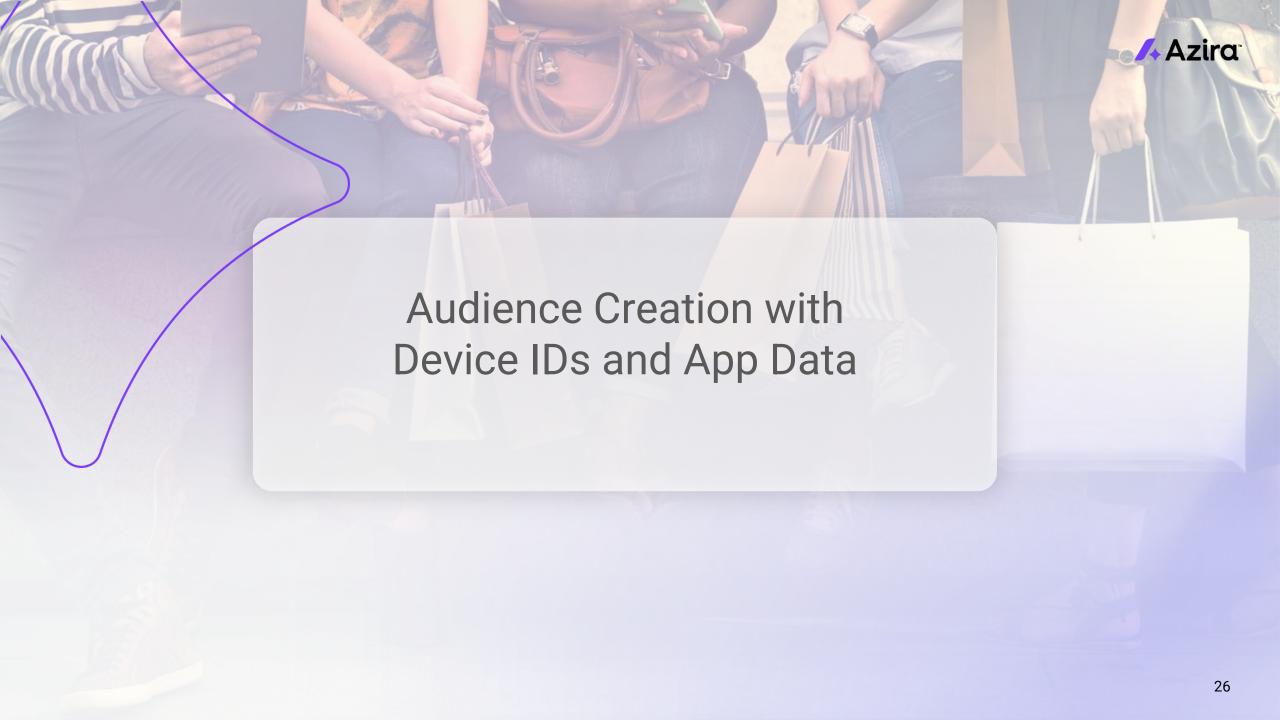






#### Making Powerful Data Easy to Use







#### **Audiences Built on Consumer Behavior Data**





#### Persona Targeting – *Finding The Right Tourist*



**Demographics** 







**Financial** 



Charitable giving





# Sample Audience: Using Location Data for SoCal *This is how it starts using location data...*



Live in wealthy census block groups in Southern California



Seen at FBO's



Often hike in SoCal





Often visit the beach



Have friends who have recently been to Hawaii (Social Extension)

Cabo, Fiji or Tahiti recently

Have been to



#### Sample Audience: Eco Friendly Tourists









stores

People who shop at Natural Grocers

People who go to compost centers

campgrounds People who shop at gardening









People seen at charity or volunteer centers

People who go to Water Supply



Geographic	Demographic	Interests	Purchase Intenders		Financial	Ethnicity	Charity		
Animals In	terests	Collectable	es Interests		Reading				Travel Interests
Cats		Art Collect	bles		Audio Books	;			Cruises
Dogs		Arts & Anti	ques		<b>Current Affai</b>	irs		<b>/</b>	<b>Domestic Travel</b>
Equestrian	1	Coins			Financial Ne	ws		~	<b>International Travel</b>
Pets - Gene	eral	Collectible	s - General		History			<b>/</b>	Travel - General
		Stamps			Magazines				
Arts & Craf	fts Interests				Reading - Ge	eneral			Other Interests
		Food & Drir	nk Interests		Religious			-	
Arts					Science/Spa				Automobiles
Crafts		Cooking			Science Ficti	50 707		~	Diet
Photograp	hy	Food & Wir	ie		Religious Ma	aterial			Health & Medical
Woodwork		<b>☑</b> Gourmet C	ooking						Military
		Natural Foo			Sports & Ent	ertainment Intere	sts	<b>/</b>	Self Improvement
Childrens I	nterests								
		Home Impr	ovement Interests		Aerobic				
Board Gam	200				Baseball				
Children	103	☐ Home Furn	ishings		Basketball				
Education		✓ Home Gard		~	Camping				
Grand Chile	dren	Home Impi		<b>/</b>	Fishing				
Parenting	W. W. I.				Football				



Geo	graphic	Demographic	Interests	Purchase Intenders	Financial	Ethnicity	Charity
	Charity						
	Children's Ch Community C Environmenta Health International	e onation - General arities Charities al Charities					
	Religious Cha Veteran's cha						



Geographic	Demographic	Interests	Purch	ase Intenders	Financial	Ethnicity	Charity		
Has Credit Ca	ard 😑	Credit Card Type		Household Income	6	Net Worth			Home Value
✓ Yes		Gas		Under \$15,000		Less Than \$50	0,000		Under \$50,000
no	$\checkmark$	High Limit		\$15,000 - \$24,999		\$50,000 - \$99,	999		\$50,000 - \$99,999
		Standard		\$25,000 - \$34,999		\$100,000 - \$2	49,999		\$100,000 - \$149,999
	$\overline{\mathbf{v}}$	Rewards		\$35,000 - \$49,999	V	\$250,000 - \$4	99,999		\$150,000 - \$199,999
				\$50,000 - \$74,999	~	\$500,000+			\$200,000 - \$249,999
				\$75,000 - \$99,999					\$250,000 - \$299,999
				\$100,000 - \$149,99	9				\$300,000 - \$349,999
				\$150,000 - \$159,99	9				\$350,000 - \$399,999
			~	\$160,000 - \$164,99	9				\$400,000 - \$449,999
				\$165,000 - \$199,99	9			$\checkmark$	\$450,000 - \$499,999
				\$200,000 - \$249,99	9			V	\$500,000 - \$749,999
			V	\$250,000+				V	\$750,000 - \$999,999
								V	\$1 Million+



#### Audience Extension – *Finding The Right Tourist*



Household Extension: Target other devices within the same household from your original audience



Social Extension: Target devices of friends of your original audience (eg Devices seen playing golf on the weekends regularly or on the same tennis court once per week together)



#### Sample Audience: Retarget and Educate Maui Tourists



Household Extension



Tourists who have been to Maui in the last two years



Social Extension



#### The Possibilities are **Endless**...

**Animal Lovers** 

**Boaters** 

Luxury Vacationers

Hikers and Park Lovers Museum/History Lovers

Sports Enthusiasts

Japanese, Europeans, Canadians who \_\_\_\_\_

What are your ideas?
Who do you want to really target with unique messaging?



# Turning Audiences into Action!



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### Media Buying!

#### CTV



#### Video





Meta







**Mobile Display** 



In-App

Desktop



**Rich Media** 

CTR

**Engaged Time** 

**Engagement Rate** 

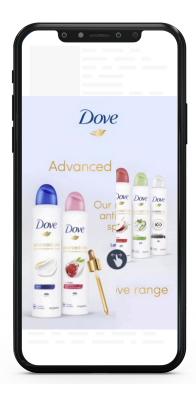
0.2 - 0.4%

3 - 6 secs

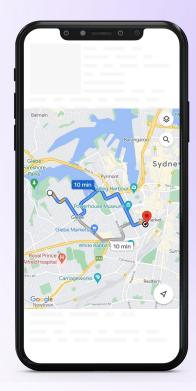
2 - 4%











Cube

Carousel

Compare

Reveal

**Dynamic Map** 



## **Custom Creative and Unique Ad Units**





### Promote Experiences to In-Market Tourists

*Influence Tourism while Tourists Travel* 

Tourists are already visiting your destination

Send them ads while they are in-market

Drive and Measure visitation during different days/times to white spaces









## Measuring Footfall Attribution Website and Media Attribution



## **How Attribution Works**



### **How Footfall Attribution Works**



### What is a Pixel?

### **Example Pixel for Media:**

https://pixel.zprk.io/v5/pixel/gShjCqFtvy.gif?ssid=1&ut1=CampaignName&ut3=PlatformSource

### **Example Pixel for Website:**

https://pixel.zprk.io/v5/pixel/Vx2TKPUdiP.gif?ssid=1&ut1={{Referrer}}&ut2={{Page Path}}&ut3={{Page URL}}



### Websites: Pixel measures which page is being visited

Capture timestamp, dev id, and page url/page path

Campaign	ut1	ut2	ut3
12345		/2021-summer/	https://visit.destinationX.com/2021-summer/?utm_source=google
12345	https://www.google.com/	/blog/destinationX-fall-activities-experiences/	https://www.destinationX.com/blog/destinationX-fall-activities-ex
12345	https://www.bing.com/	/things-to-do/attractions/	https://www.destinationX.com/things-to-do/attractions/
12345	https://www.destinationX.com/blog/destinationX-fall-activities-ex	/planning-tools/request-a-travel-guide/	https://www.destinationX.com/planning-tools/request-a-travel-
12345	https://www.destinationX.com/directory/XY-XY-islands/	/things-to-do/attractions/	https://www.destinationX.com/things-to-do/attractions/
12345	https://www-destinationX-com.cdn.ampproject.org/v/s/www.destinationX	/fall-adventure-in-destinationX-fall-usa/	https://www.destinationX.com/fall-adventure-in-destinationX-fall-
12345	https://www.google.com/	/	https://www.destinationX.com/?utm_source=google&utm_medium=cp
12345	https://www.destinationX.com/blog/destinationX-fall-activities-ex	/planning-tools/request-a-travel-guide/	https://www.destinationX.com/planning-tools/request-a-travel-
12345	https://www.destinationX.com/fall-adventure-in-destinationX-fall-	/blog/destinationX-fall-activities-experiences/	https://www.destinationX.com/blog/destinationX-fall-activities-ex
12345	https://www.destinationX.com/fall-adventure-in-destinationX-fall-	/blog/destinationX-fall-activities-experiences/	https://www.destinationX.com/blog/destinationX-fall-activities-ex

UT1 = Referrer (e.g. Google, Facebook) UT2 = Path URL (sub-domain)

UT3 = Page URL (full URL)



### What is a Media Pixel?

### **Example Pixel for Media:**

https://pixel.zprk.io/v5/pixel/gShjCqFtvy.gif?ssid=1&ut1=CampaignName&ut3=PlatformSource

#### Where:

- In-App
- Mobile Web
- Desktop Websites
- Connected TV

### How it works:

- Place a pixel on your website or alongside media
- Use utm tracking to differentiate campaigns

### What is reported:

- Impressions
- Visits by POI
- Visits by Creative
- Visits by Day; Week and Line Item or Tactic
- Origin Markets, Length of Stay
- And More



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### **IP to Device Bridging**

**Pixel Placed on Media** 

**Pixel Registers IP Address** 

**IP to Device Bridging** 



#### **PIXEL**

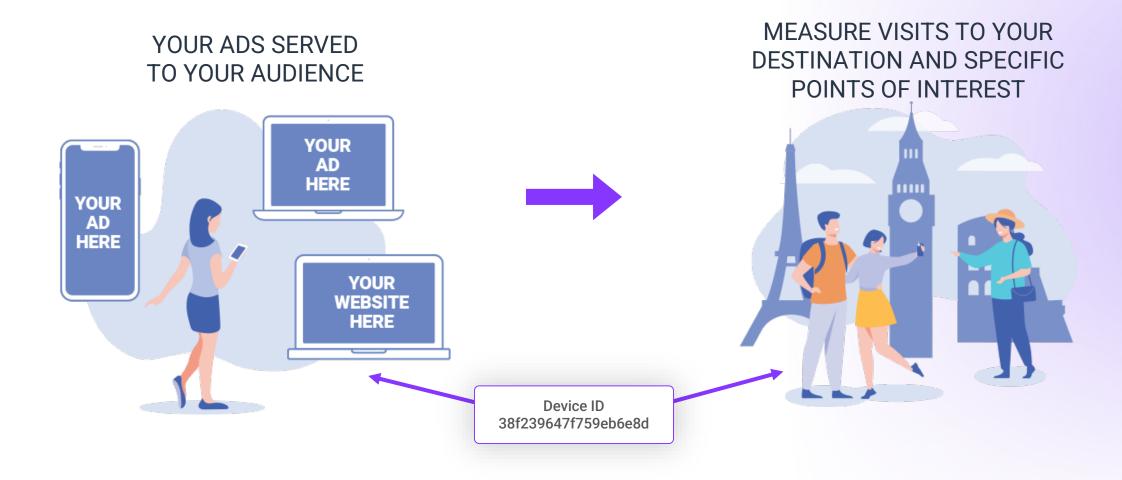
https://pixel.zprk.io/v5/pixel/Vx2 TKPUdiP.gif?ssid=1&ut1={{Referr er}}&ut2={{Page Path}}&ut3={{Page URL}} IP Address

109.167.1.2

IP

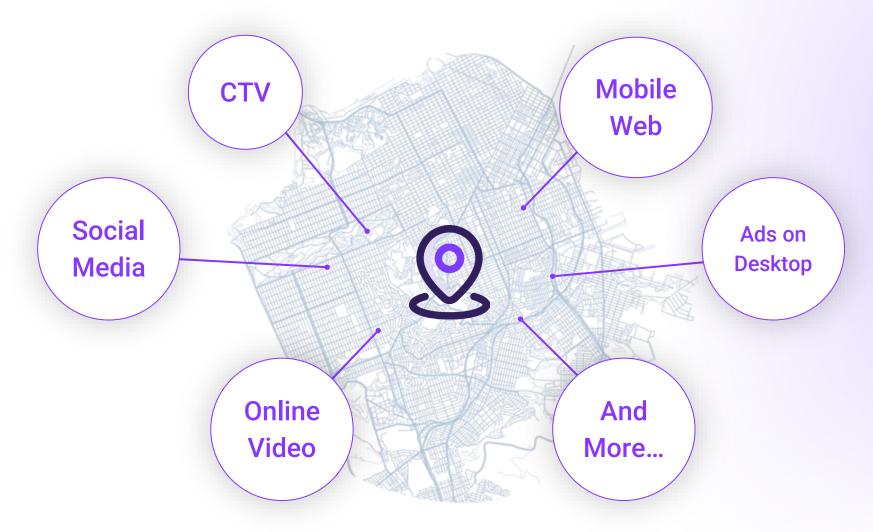


### What is Attribution?





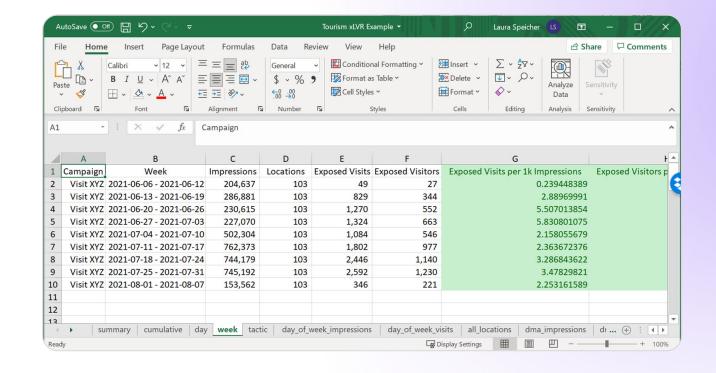
### IP to Device Bridging Can Be Used Across Channels





### **Tourism Attribution Reports**

- Visits by Day, Week, Hour
- # of Estimated Visitors Driven to Destination and POIs by Campaign, can be broken out further by using UTM parameters and additional pixels
- Origin Markets of Visitors from Campaign
- Top Points of Interest Visited from Campaign





Lets see this in action! Kauai Transportation Example







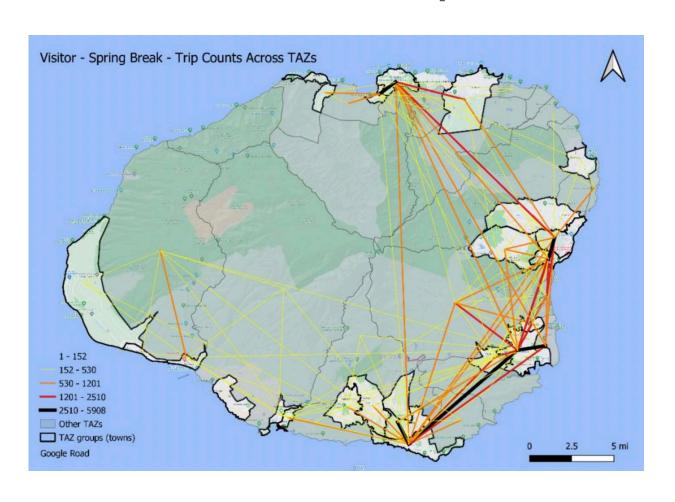
https://kauaiforward.com/wp-content/uploads/2024/09/ETIPP-Kauai-travel-pattern-report\_final.pdf



The County of Kauai analyzed the extensive data points from Azira to deliver comprehensive visualizations into a travel pattern analysis report. This report provides insights and recommendations to consider how to reimagine travel on the island by potentially:

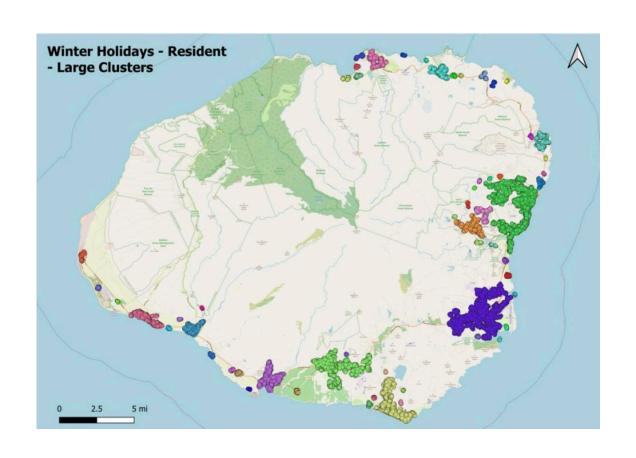
- •Creating mobility hubs around the island where tourists can access transportation services
- Introducing shuttles and first/last mile micro-transit solutions
- •Increasing the availability of micro transportation offerings like bikes and scooters
- •Setting up a public electric charging station network around the island
- Encouraging use of car share
- Establishing satellite car rental locations around the island





- Where are the island's hotspots?
- Where are common origin and destination points for visitors and residents?
- What are the main travel corridors based on time of day?
- How far do tourists typically drive in a day?
- What do transportation patterns look like at different times of year?









### **Educating Tourists about Options!**

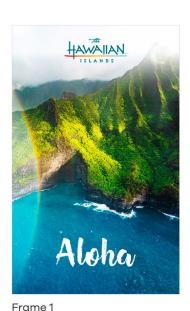
1. Tourists Already In Market

2. Tourists who Frequent Kauai

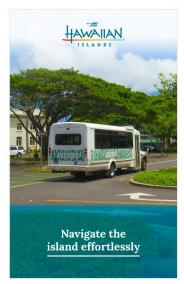


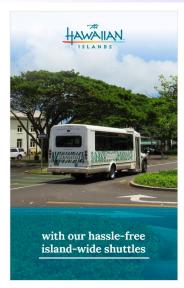
## **Educating Tourists about Options!**













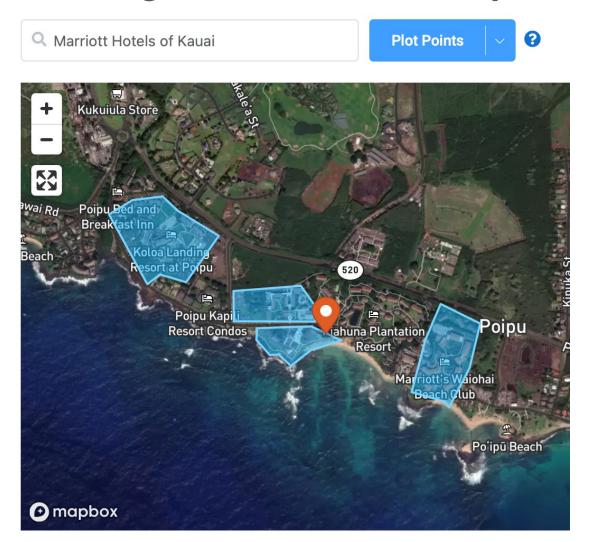
Frame 3

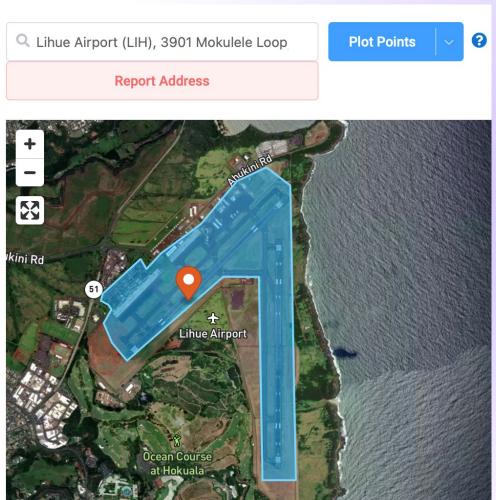
Frame 4

Frame 5



## **Educating Tourists about Options: Tourists In Market**







## **Educating Tourists about Options: Before Arrival**



Tourists seen at car rental facilities



Tourists in market staying at hotels



Eco-minded tourists



Tourists who use public transportation



Tourists seen at top attractions throughout the islands



## **Educating Tourists about Options: Before Arrival**

Geographic Der	mographic	Interests	Purchase Intenders	Financial	Ethnicity	Charity		
Animals Interests		Collectables	Interests	Reading			Travel Inte	rests
Cats Dogs Equestrian Pets - General  Arts & Crafts Inte	rests	Art Collectib Arts & Antiqu Coins Collectibles Stamps Food & Drink	ues - General	✓ Audio Books ✓ Current Affai ✓ Financial Nev ✓ History ✓ Magazines ✓ Reading - Ge Religious	ws		Cruises Domestic Internation Travel - Ge	nal Travel eneral
<ul><li>✓ Arts</li><li>✓ Crafts</li><li>✓ Photography</li><li>✓ Woodworking</li></ul>	✓	Cooking Food & Wine Gourmet Coo Natural Food	oking	✓ Science/Spa ✓ Science Ficti ☐ Religious Ma  - Sports & Ente	on	ests	Automobil Diet Health & N Military Self Impro	/ledical
Board Games Children Education Grand Children Parenting		Home Impro Home Furnis Home Garde Home Impro	ning	Aerobic Baseball Basketball Camping Fishing Football Gambling				

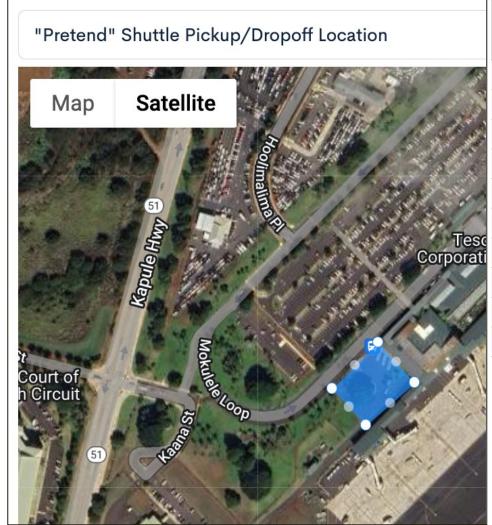


## **Profiling and Demographics**

Geo	graphic	Demographic	Interests	Purchase Intenders	Financial	Ethnicity	Charity
	Charity						
	Children's Ch Community C Environmenta Health International	e onation - General arities Charities al Charities					
	Religious Cha Veteran's cha						



## Foot Traffic Attribution of Mock Campaign



week	Campaign Name	Impression Count	Uniques	Exposed Devices
2024-06-09 - 2024-06-15	Island Shuttles	22404	21533	29
2024-06-16 - 2024-06-22	Island Shuttles	53769	52186	44
2024-06-23 - 2024-06-29	Island Shuttles	55668	53731	120
2024-06-30 - 2024-07-06	Island Shuttles	6318	6172	88
2024-07-07 - 2024-07-13	Island Shuttles	10173	9952	82
2024-07-14 - 2024-07-20	Island Shuttles	67335	65668	71
2024-07-21 - 2024-07-27	Island Shuttles	132260	128453	114
2024-07-28 - 2024-08-03	Island Shuttles	73093	70790	165
2024-08-04 - 2024-08-10	Island Shuttles	69346	67217	145
2024-08-11 - 2024-08-17	Island Shuttles	45393	44083	176



Data Hands On Open your Laptops!



### Pinnacle Reports: Hands On!

Pearl Harbor Memorial – Trailing 1 Year

https://bit.ly/pearlhta





### Pinnacle Reports: Hands On!

Ala Moana Regional Park – Trailing 1 Year

https://bit.ly/alapark12



Waikiki Beach – Trailing 1 Year <a href="https://bit.ly/htawaikiki">https://bit.ly/htawaikiki</a>





### Pinnacle Reports: Hands On!

Lāhainā Bypass - Year to Date

https://bit.ly/lahainab



Hana Road - Year to Date

https://bit.ly/hanaroad



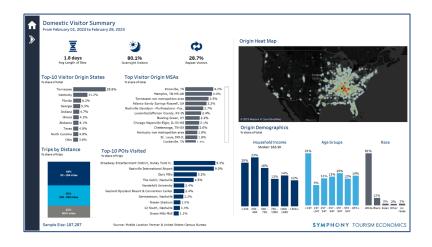


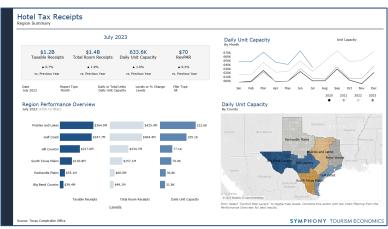
## Data Hands On Symphony

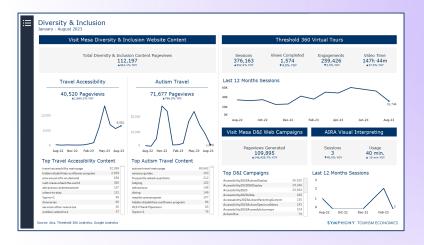


### **Azira Data on Symphony**

### Let's Dig into Data!









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### **Azira Data on Symphony**

https://www.hawaiitourismauthority.org/research/symphony-dashboards/

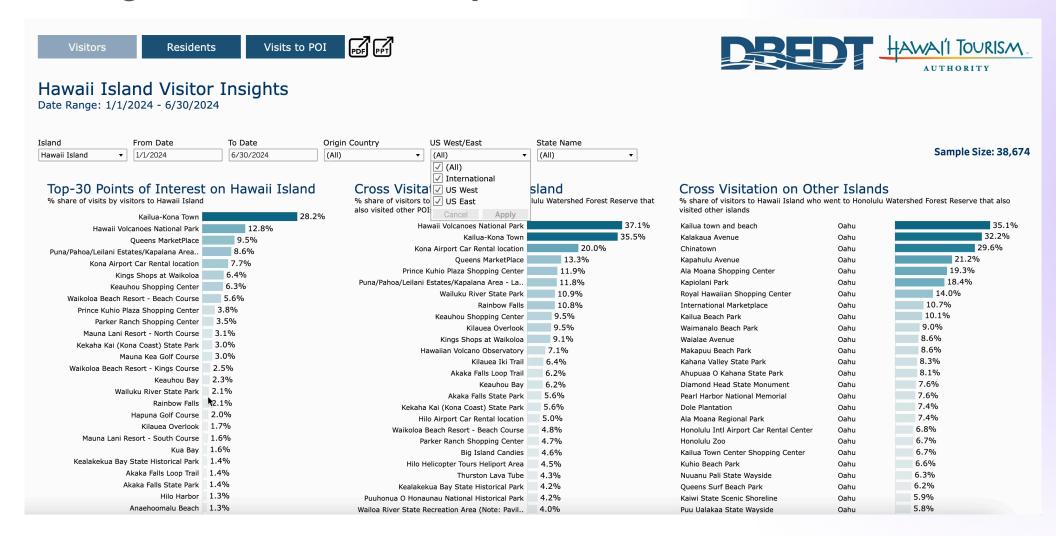
- Over 600 Points of Interest
- Updated Monthly
- Customizable by Island
- Customizable by Dates
- Insights such as...
  - % of Locals vs Tourists for each POI
  - Cross Visitation of POIs
  - Top Points of Interest







### **Educating Tourists about Options!**



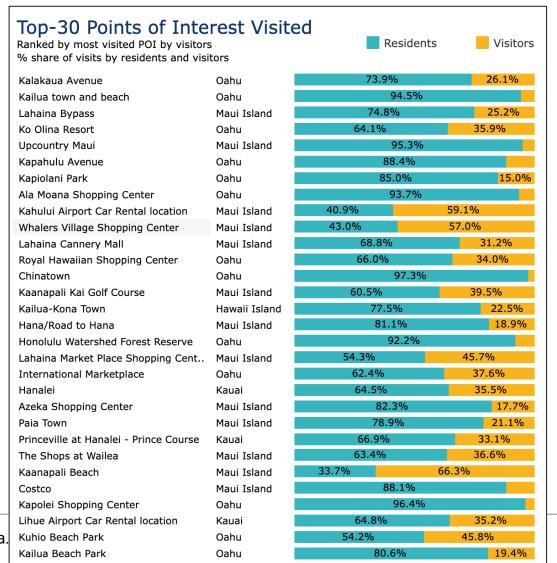


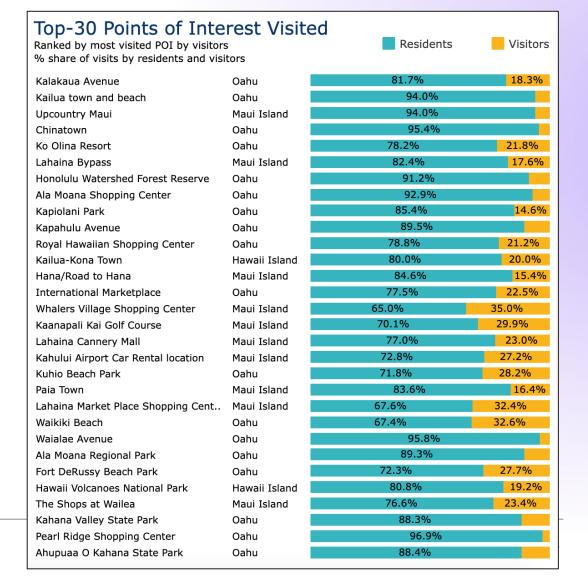
### Compare Resident vs Visitor Activity

November 2020

VS

#### November 2023



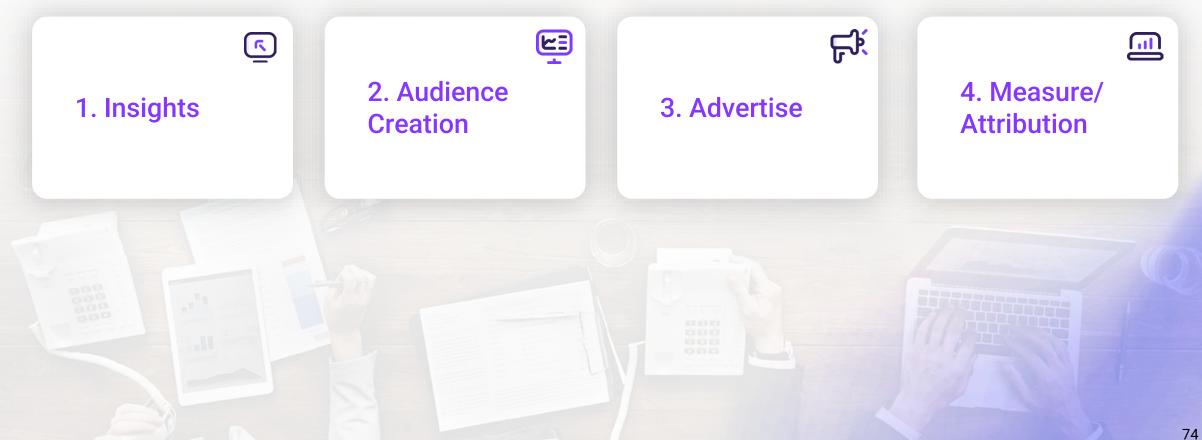




## **In Summary**



### 4 Ways to Promote Regenerative Tourism





### Thank You

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#### About Azira

Azira LLC, a global Consumer Insights platform, helps marketing and operational leaders improve their effectiveness with actionable intelligence to drive business results. Its mission is to create a more relevant world where brands are empowered to reach and build relationships with their consumers. With a profound commitment to partnership, trust and transparency, combined with decades of expertise in consumer behavioral analytics, Azira delivers innovative marketing solutions to curate audiences, activate omnichannel campaigns, and understand footfall attribution. It also provides operational insights for use cases such as site selection, trade area analysis, competitive intelligence and more. Azira serves enterprises in retail, hospitality, travel, real estate, financial services and media. A global company, Azira is headquartered in Los Angeles with offices in Paris, Bangalore, Singapore, Sydney, and Tokyo. To learn more, please visit https://azira.com.