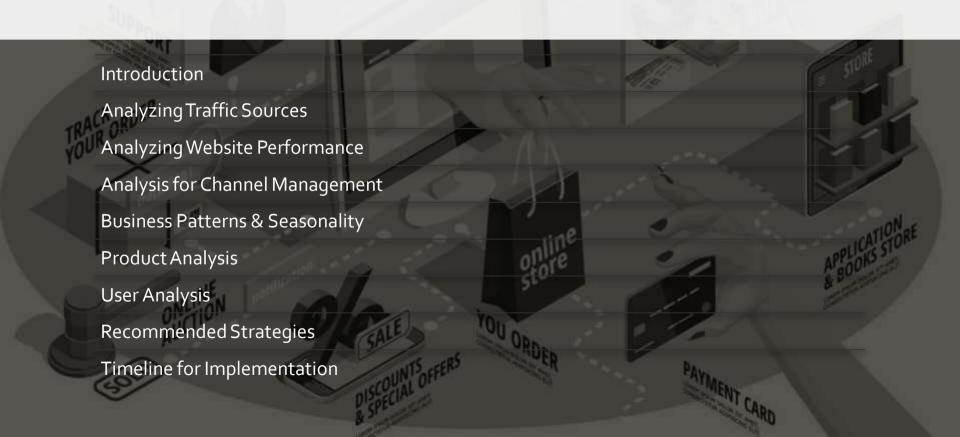


# E-COMMERCE ANALYSIS & STRATEGY RECOMMENDATIONS

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## INTRODUCTION

- Company Background: Established in 2012, this e-commerce business specializes in selling stuffed animals directly through their website. They've successfully launched four different stuffed animal dolls, with Mr. Fuzzy emerging as the most popular.
- Company Objectives: The company prioritizes a data-driven approach to optimize its online presence. Leveraging website data from 2012-2014, their primary objectives for 2015 include:
  - Enhancing website performance: Improve mobile optimization, conversion funnels, and repeat customer strategy.
  - Increasing website traffic, sales, and revenue: This likely involves attracting new customers while also retaining existing ones.

## ANALYSING TRAFFIC SOURCES

- **Gsearch non-brand** is the top traffic driver (247,564 sessions).
- **Brand traffic on gsearch** has a higher conversion rate (7.7%) than non-brand (7.26%) in 2014.
- Organic search and direct search have good conversion rates at 8.6% and 7.02%.
- Socialbook traffic has a low CVR at 5.15%, suggesting a need to bid down.
- Desktop CVR(9.18% in 2014) is much higher than mobile CVR (3.3%).

	utm_source	utm_campaign	http_referer	sessions	orders	session_to_order;	
*	gsearch	nonbrand	https://www.gsearch.com	247564	15797	6,3810	
	bsearch	nonbrand	https://www.bsearch.com	48072	3237	6.7336	
	0.09	E23.08	COR	32793	2304	7.0259	
	COURS .	COR	https://www.gsearch.com	28913	2042	7.0626	
	gsearch	brand	https://www.geearch.com	27395	2026	7.3955	
	CITES .	E2338	https://www.bsearch.com	6706	580	8,6490	
	bsearch	brand	https://www.bsearch.com	6545	564	8.6173	
	socialbook	desktop_targeted	https://www.sociabook.com	5590	288	5.1521	
	socialbook	plot	https://www.socialbook.com	5095	55	1.0795	

	Year	gsearch_sessions	beearch_sessions	organic_search_sessions	direct_search_sessions
٠	2012	47888	8829	2973	2780
	2013	79672	16099	8914	8136
	2014	147399	29729	23732	21877

	Year	nonbrand_conv_rate	brand_conv_rate
٠	2012	3.8286	5.4729
	2013	6.4129	7.2094
	2014	7.2642	7.7062

TRM	Rolling personny	delta, odes	noble_passene	milde, priem	disktop_conv_rate	milita parry pale:
2012	4175	2363	1999	218	8.8801	1.4499
2013	MIN.	AND	32500	2006	8.6201	3.11%
2014	311524	34000	77900	2576	9.1000	3,3107

## ANALYSING WEBSITE PERFORMANCE

- The /products page is the most visited with 222,619 sessions.
- /lander-2 has high engagement with 131,170 sessions.
- /lander-1 and /lander-4 have the highest bounce rates at 53.24% and 51.69%.
- · /lander-2 has a lower bounce rate at 45.17%.
- · Conversion Funnel (Non-branded Google Search Traffic for Mr. Fuzzy):
- /lander-2 to /products: 64.8%
- /products to Mr. Fuzzy page: 62.5%
- Mr. Fuzzy page to cart: 57.6%
- Cart to shipping page: 67.6%
- Shipping page to billing page: 73.8%
- Billing page to order placement: 67.2%

	total_sessions	lander_2_ctr	lander_to_product_ctr	product_to_mrfluoy_ctr	evfluzzy_to_cart_ctr	cart_to_shipping_ctr	shipping_to_billing_ctr	bling_to_thankyou_ctr
٠	472871	21.3551	64,8056	62.5152	57.6391	67.6088	73,7731	67.2094

	pageview_url	sessions
٠	/products	222619
	/the-original-mr-fuzzy	141247
	/lander-2	131170
	/home	115357
	/cart	79550
	/lander-3	57544
	/shipping	54011
	/lander-1	47574
	/biling-2	40006
	/lander-5	37543
	/thank-you-for-your	26893
	/the-forever-love-bear	20585
	/the-birthday-sugar	14769
	/lander-4	9385

	landing_page	sessions_hitting_this_lander			
١	/lander-2	131170			
	/home	115357			
	/lander-3	67644			
	/lander-1	47574			
	/lander-5	37543			
	/lander-4	9385			

	pageview_url	sessions	bounced_sessions	bounce_percentage
٠	/lander-1	47574	25330	53.2434
	/lander-4	9385	4851	51.6889
	/lander-3	67644	34227	50.5987
	/lander-2	131170	59249	45.1696
	/home	115357	48546	42.0833
	/lander-5	37543	13851	36.8937

## ANALYSIS FOR CHANNEL MANAGEMENT

- Traffic Sources and Device Insights:
- Traffic Sources:
  - GSearch drives most traffic, significantly more than BSearch.
  - Non-brand campaigns dominate traffic for both search engines.
  - **Direct traffic:** 39,917 sessions (not the largest source).
  - "Others" category: 389,543 sessions, which includes paid marketing.
- Device Distribution:
  - **Desktop** leads in traffic, but **mobile traffic** is also significant.
  - BSearch has a higher desktop share compared to GSearch.
- Conversion Rates:
- Desktop Conversions:
  - **GSearch:** 7.86%
  - BSearch: 7.32%
- Mobile Conversions:
  - GSearch: 3.10%
  - BSearch: 3.09%

utm_source	utm_campaign	sessions	pct_mobile	pct_desktop
bsearch	brand	6545	13.2315	86.7685
bsearch	nonbrand	48072	13.8293	86.1707
gsearch	brand	27395	40.2847	59.7153
gsearch	nonbrand	247564	31.1277	68.8723
	bsearch bsearch gsearch	bsearch brand bsearch nonbrand gsearch brand	bsearch brand 6545 bsearch nonbrand 48072 gsearch brand 27395	bsearch brand 6545 13.2315 bsearch nonbrand 48072 13.8293 gsearch brand 27395 40.2847

	device_type	utm_source	sessions	orders	conv_rate
١	desktop	bsearch	41424	3031	7.3170
	desktop	gsearch	170503	13404	7.8614
	mobile	bsearch	6648	206	3.0987
	mobile	gsearch	77061	2393	3.1053

	search_type	sessions	
۰	others	389543	
	direct_type_in	39917	
	gsearch_organic	35202	
	bsearch_organic	8209	

П	ige.	nonbrand	brand	brand_pct_of_nonbrand	drect	direct_pct_af_norbrand	organic	organic pct_of_nonbrand
٠	2012	53873	2844	5.2791	2790	5.1603	2975	5.5185
	2013	87242	8489	9.7304	8136	9.1258	8914	10.2176
	2014	154521	22607	14.6304	21877	14.1579	23732	15.3584

## BUSINESS PATTERNS & SEASONALITY

#### **Conversion Rate and Traffic Trends:**

- Conversion Rate (CVR) Decline:
  - CVR has decreased significantly from 31.3% to 12.9% since launch (2012-2014).
- Sessions and Orders Increase:
  - Despite the lower CVR, the number of sessions and orders has increased, indicating that more users are visiting the site.
- Holiday Season Spike:
  - There is a notable increase in sessions during the 4th guarter (holiday season).

#### **Traffic Patterns:**

- Weekday Traffic:
  - Traffic peaks during business hours (8 AM 5 PM), with a noticeable lunchtime rush (12 PM 1 PM).
  - Weekdays have higher traffic compared to weekends.
  - Mondays have slightly lower traffic than other weekdays.
  - Fridays might experience slightly higher traffic than other weekdays.
- Weekend Traffic:
  - Weekends generally see lower traffic compared to weekdays.

	yr	qtr	sessions	orders	CVF
<b>*</b>	2012	1	1879	60	31.3167
	2012	2	11433	347	32.9481
	2012	3	16892	684	24,6959
	2012	4	32266	1495	21.5826
	2013	1	19833	1273	15.5797
	2013	2	24745	1718	14,4034
	2013	3	27663	1840	15.0342
	2013	4	40540	2616	15,4969
	2014	1	46779	3069	15.2424
	2014	2	53129	3848	13.8069
	2014	3	57141	4035	14.1613
	2014	4	76373	5908	12.9270

-tw	wvg_sessions	mon	tue	wed	thu	विश	set	BUT
0	10.1	13.0	9.4	30.5	11.0	12.0	8.4	6.5
1	8.5	11.6	8.6	8.1	8.1	10.0	7.1	5.6
2	7.6	9.8	6.3	7.9	8.9	9.1	5.5	5.3
3	6.8	9.2	6.3	7.5	6.6	7.6	5.2	4.9
4	7.0	8.1	7.6	7.0	7.2	8.7	5.3	4.7
5	7.5	9.9	7.5	8.0	7.6	9.0	5.2	4.8
6	8.7	9.4	8.7	9.9	9.5	12.2	5.5	5.2
7	10.6	13.1	10.9	11.6	12.3	13.5	7.2	5.2
8	15.4	19.4	15.7	17.6	18.8	21.0	7.7	7.4
9	21.9	27.1	22.8	27.7	25.9	30.5	10.5	8.7
10	25.9	32.4	28.7	33.8	30.1	34.0	11.8	10.
11	26.9	32.7	32.8	34.2	30.4	36.0	11.7	10.
12	27.1	34.4	31.7	33.7	33.1	33.5	12.8	10.
13	26.1	32.7	30.5	32.6	31.9	32.3	11.7	10.
14	26.1	31.8	30.5	32.0	30.4	33.7	13.0	11.3
15	26.4	32.4	30.3	33.8	31.0	34.8	11.0	11.1
16	25.1	30.7	31.7	33.3	30.5	34.3	10.5	11.
17	23.0	31.6	26.0	28.1	26.9	26.0	9.9	11.7
18	19.0	23.7	22.3	23.2	22.2	22.2	9.0	10.0
19	15.5	21.2	19.4	19.0	18.2	18.9	8.6	10.
20	15.3	17.8	17.9	19.2	16.1	15.2	8.6	12,3
21	15.0	18.4	16.3	17.1	16.8	13.9	7.8	14.7
22	13.8	16.0	14.7	35.8	14.4	12.2	8.8	13.6
23	12.7	13.4	13.0	12.6	13.0	11.9	0.1	10.0

## **PRODUCT ANALYSIS**

### Revenue, Margin, and Conversion Rates:

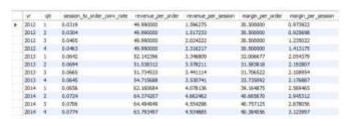
- **Growth:** Revenue, margin, and conversion rates have increased consistently from 2012 to 2014.
- **Drivers:** Higher conversion rates and increased traffic have boosted revenue and margin.
- **Performance:** Strong customer acquisition and revenue generation.

#### Product Funnel Performance:

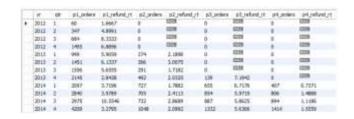
- Mr. Fuzzy: High brand awareness, but low click-through rates.
- Love Bear & Sugar Panda: Strong click-through rates, indicating effective funnels.
- Mini Bear: Low click-through rates, needing funnel optimization.

#### Refund Rates:

- Product 1: Highest refund rate, especially in Q3 of 2012 and 2014. Needs investigation.
- Product 2 & 4: Low refund rates, indicating good performance.
- Product 3: Initially high refund rates, decreasing over time.



product seen	sessions.	product page dick rt	cart dick rt	shapping click rt	bling dick rt
meturzy	141247	0.4303	0.6812	0.7233	0.6879
lovebear	20585	0.5560	0.6680	0.7939	0.6183
sugarpanda	14769	0.4647	0.6794	0.8031	0,6385
minbear	711	0.6498	0.6515	0.8206	0.6113
	lovebear sugarpanda	refluzy 141247 lovebear 20585 sugarpanda 14769	mfuzy 141247 0.4303 lovebear 20585 0.5560 sugarpanda 14769 0.4647	mriluzzy 141247 0.4303 0.6812 lovebear 20585 0.5560 0.6680 sugarpanda 14769 0.4647 0.6794	mrfuzzy 141247 0.4303 0.6812 0.7233 lovebear 20585 0.5560 0.6680 0.7939 sugarpanda 14769 0.4647 0.6794 0.8031



## **USER ANALYSIS**

- Visitor Patterns:
- **New Visitors:** Majority are new, with significantly fewer third-time visitors compared to second-time and fourth-time visitors.
- Repeat Behavior: Some revisit immediately; on average, repeat visitors return after a month.
- · Channel Performance:
- Top Channels for Repeat Visitors: Organic search, paid brand, and direct type-in.
- Lower Repeat Sessions: Paid non-brand and paid social.
- · Conversion and Revenue:
- **Higher Conversion Rates:** Repeat visitors have higher conversion rates and spend more per session.
- Customer Lifetime Value (CLTV): High CLTV of USD 1433.91 per year, indicating strong customer relationships.

	repeats	users
•	0	301979
	1	31076
	2	466
	3	10786

	avg_diff	min_diff	max_diff
•	33.8225	1	69

	channel_group	new_sessions	repeat_sessions
۲	organic_search	13376	22243
	paid_brand	12463	21477
	direct_type_in	12147	20646
	paid_nonbrand	295636	0
	paid_social	10685	0

is_repeat_session	sessions	conv_rate	revenue_per_session
0	344307	0.0637	3.780333
1	64366	0.0768	4.607075

	Avg_CLTV			
•	1433.90639267229638			

## RECOMMENDED STRATEGIES

#### •Enhanced User Experience:

- •Optimize mobile and desktop experiences for better site performance and navigation.
- •Improve landing pages to reduce bounce rates, focusing on key pages like /lander-1 and /lander-4.

#### •Conversion Funnel Optimization:

•Streamline checkout processes and enhance key pages such as /products and Mr. Fuzzy for improved engagement and conversion rates.

#### •Data-Driven Marketing:

- •Implement targeted retention strategies to convert new visitors into repeat customers.
- •Optimize marketing channels based on performance insights, focusing on desktop traffic and refining social media strategies.

### •Operational Excellence and Investor Appeal:

- •Enhance customer support during peak times to improve user satisfaction.
- •Address product quality issues to reduce refund rates and enhance customer experience.
- •Showcase financial health and growth potential to attract investors, emphasizing strong revenue growth and customer loyalty metrics.

## TIMELINE FOR IMPLEMENTATION

### Short Term (o-6 months):

• Optimize UX (mobile/desktop).Improve /lander-1 and /lander-4.Streamline checkout, enhance /products and Mr. Fuzzy. Launch initial retention campaigns. Boost peak-hour support, address high refunds, prepare investor reports.

### Mid Term (6-12 months):

• Complete UX optimizations. Redesign /lander-1 and /lander-4.Refine checkout, scale retention, optimize marketing. Establish support protocols, continue quality improvements. Host investor updates on growth.

## Long Term (12+ months):

• Maintain UX optimizations. Evolve landing pages. Implement advanced checkout, enhance interactivity. Develop automated retention, explore new marketing. Establish AI-driven support, maintain high standards, sustain investor confidence.







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## THANK YOU!