

Project Plan

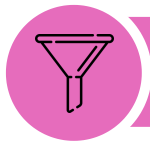
1. The main product metrics

- 1.1. General product funnel by events
- 1.2. Conversion rate for 1 day
- 1.3. Conversion rate for 1 week

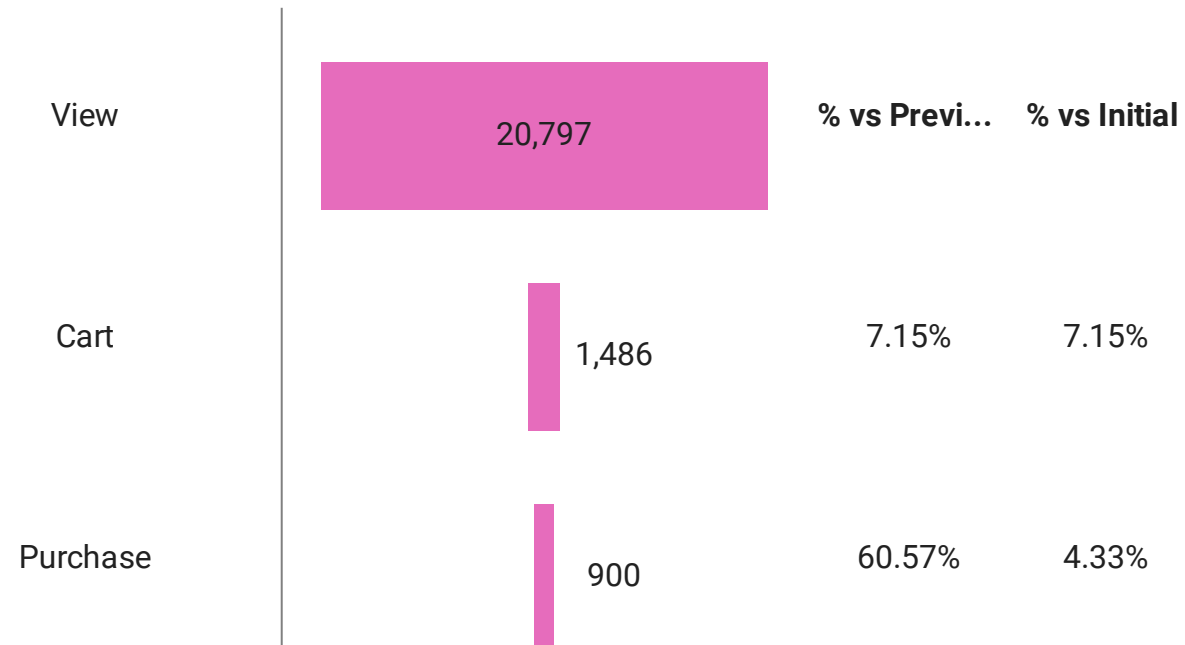
2. Retention analysis

- 2.1. Average day retention
- 2.2. Countries with the highest retention
- 2.3. Countries with the highest and lowest average purchase receipts

3. Churn analysis



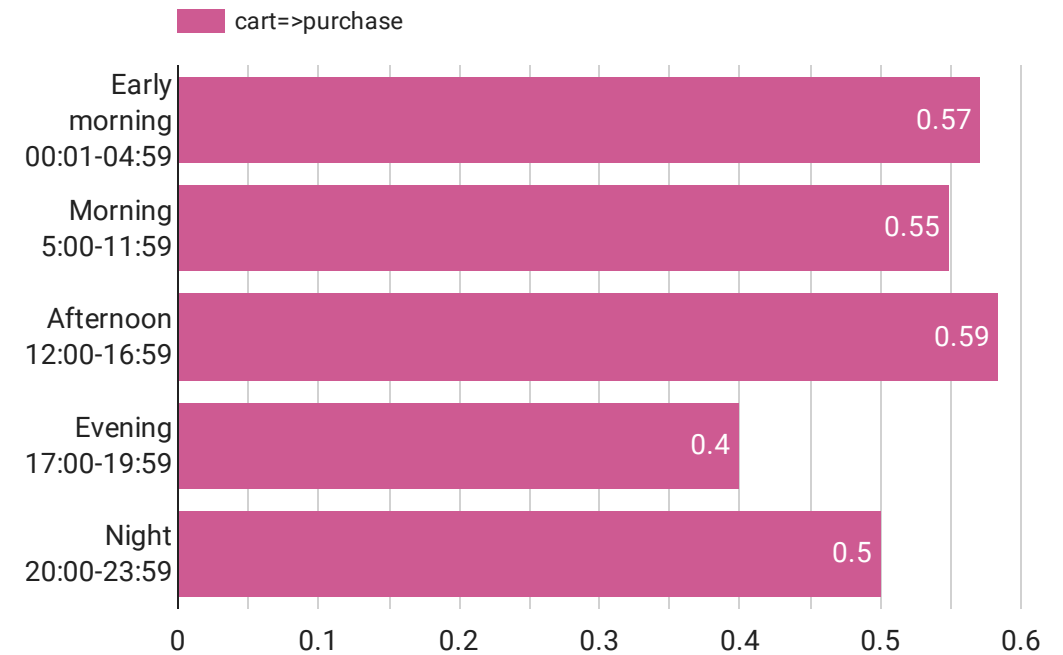
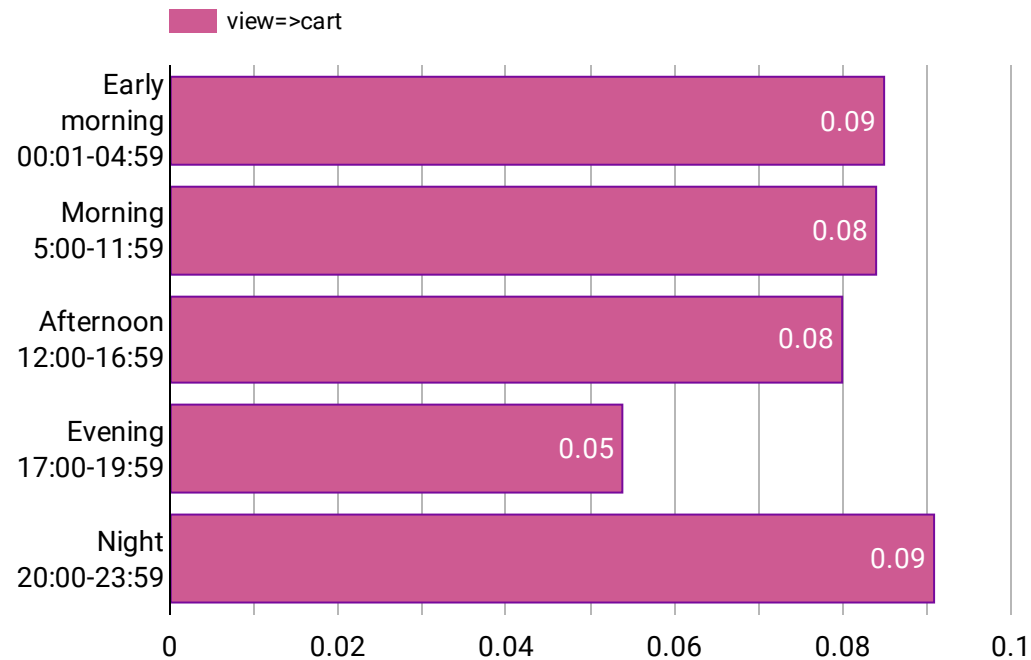
General funnel



Most users drop out at the viewing stage, with only 4.33% of users adding the product to the cart. The conversion rate from cart to purchase is 60.57%, which is good. However, the overall conversion rate from viewing to purchase is only 7.15%, which is low.



Conversion rate for 1 day

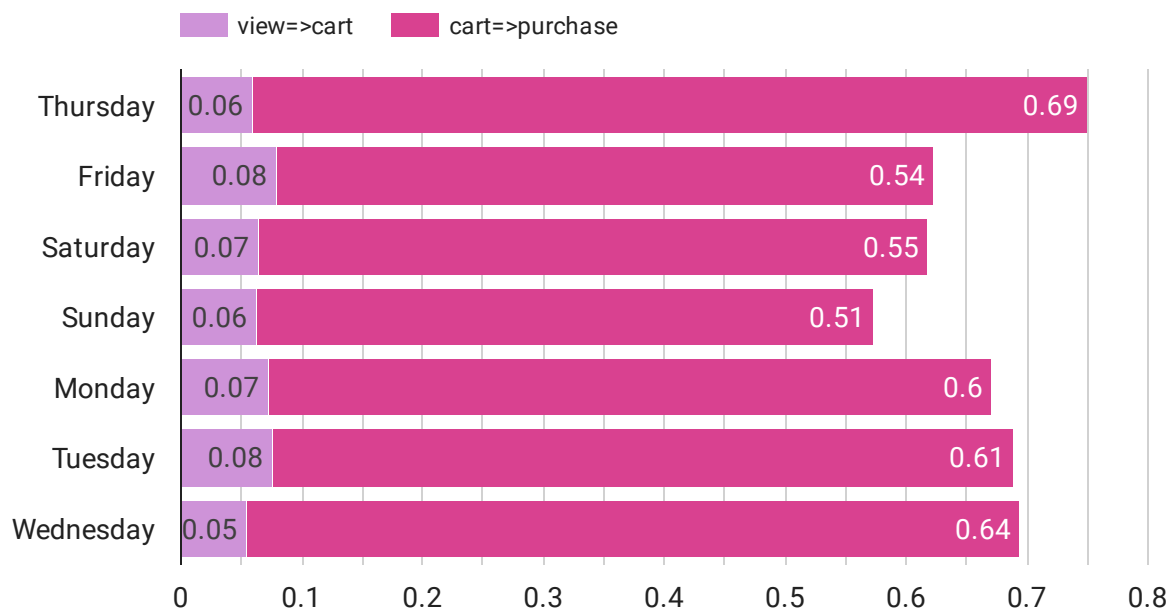
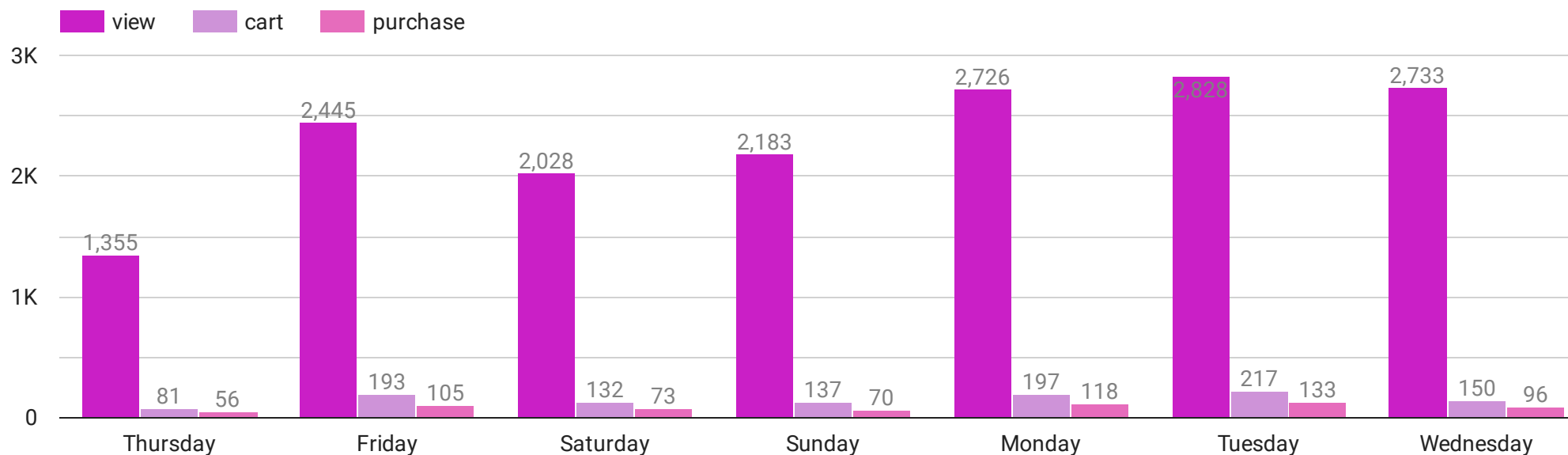


Conversions are **the highest** in the morning and at night, with 9% of users adding products to their cart and more than 50% of users who add a product to their cart making a purchase. The **highest** cart-to-purchase conversion rate is in the afternoon at 59%.

To improve the product, increase the number of users who add products to their cart by simplifying the checkout process, offering multiple payment options, and addressing any concerns that users may have about the purchase.



Conversion rate for a week



The **best conversion for view=>cart** is on Tuesday and Friday (8%).
The **best conversion for cart=>purchase** is on Thursday (69%).
The **lowest conversion for view=>cart** is on Wednesday (5%), for **cart=>purchase** is on Sunday (51%).



Retention analysis

	first_day_invoice ^	day_0	returned_d ay_1	returned_d ay_2	returned_da y_3	returned_da y_4	returned_da y_5	returned_d ay_6	returned_da y_7	returned_da y_8
1.	Jan 12, 2010	95	95	6	4	0	5	7	3	0
2.	Feb 12, 2010	93	0	93	0	0	0	2	6	0
3.	Mar 12, 2010	46	0	0	46	0	1	1	1	0
4.	May 12, 2010	69	0	0	0	0	69	2	3	0
5.	Jun 12, 2010	70	0	0	0	0	0	70	2	0
6.	Jul 12, 2010	50	0	0	0	0	0	0	50	0
7.	Aug 12, 2010	8	0	0	0	0	0	0	0	8



Retention analysis

Cohorts	1/12/2010	2/12/2010	3/12/2010 ▾	5/12/2010	6/12/2010	7/12/2010	8/12/2010
1. returned_day_2	4.21%	0.00%	2.17%	4.35%	0.00%	0.00%	0.00%
2. returned_day_3	0.00%	0.00%	2.17%	0.00%	0.00%	0.00%	0.00%
3. returned_day_4	5.26%	2.15%	2.17%	0.00%	0.00%	0.00%	0.00%
4. day_0	100%	100%	100%	100%	100%	100%	100%
5. returned_day_1	6.32%	0.00%	0.00%	2.90%	2.86%	0.00%	0.00%
6. returned_day_5	7.37%	6.45%	0.00%	0.00%	0.00%	0.00%	0.00%
7. returned_day_6	3.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8. returned_day_7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

1 - 8 / 8 < >

The **highest retention** was for cohort that used the app on 1/12/2010 for the 1st time and returned on the 5th day (7,37%). The **lowest retention** was for cohorts that used app for the 1st time on 7/12/2010 and 8/12/2010. The **highest average retention** was on the 5th day(1,97%), the **lowest average retention** was on the 7th day (0%).

Day	Average_retention
1. returned_day_1	1.72%
2. returned_day_2	1.53%
3. returned_day_3	0.31%
4. returned_day_4	1.37%
5. returned_day_5	1.97%
6. returned_day_6	0.45%
7. returned_day_7	0%

1 - 7 / 7 < >



Retention analysis by countries

	Country	distinct_cus...	cohort_day...	cohort_day_2	cohort_day_3	cohort_day_4	cohort_day_5	cohort_day_6	cohort_day_7	cohort_day_8
1.	United Ki...	401	89	97	37	0	69	79	61	7
2.	Australia	1	1	0	0	0	0	0	0	0
3.	EIRE	2	1	1	2	0	0	1	0	0
4.	France	5	1	0	2	0	1	0	2	0
5.	Germany	10	1	1	3	0	3	1	1	1
6.	Netherla...	1	1	0	0	0	0	0	0	0
7.	Norway	1	1	0	0	0	0	0	0	0
8.	Belgium	1	0	0	1	0	0	0	0	0
9.	Iceland	1	0	0	0	0	0	0	1	0
10.	Italy	1	0	0	1	0	0	0	0	0
11.	Japan	1	0	0	0	0	1	0	0	0
12.	Lithuania	1	0	0	0	0	1	0	0	0
13.	Poland	1	0	0	1	0	0	0	0	0
14.	Portugal	2	0	0	1	0	0	1	0	0
15.	Spain	1	0	0	1	0	0	0	0	0
16.	Switzerla...	1	0	0	1	0	0	0	0	0



Retention analysis by countries

	Country	day_0	returned_da...	returned_da...	returned_da...	returne...	returned_...	returned_day_6	returned_da...	returned_da...
1.	Netherlands	1	100%	0%	0%	0%	0%	0%	0%	0%
2.	Norway	1	100%	0%	0%	0%	0%	0%	0%	0%
3.	Belgium	1	50%	100%	0%	0%	50%	0%	0%	0%
4.	EIRE	2	50%	50%	100%	0%	0%	50%	0%	0%
5.	United King...	401	22%	24%	9%	0%	17%	20%	15%	2%
6.	France	5	20%	0%	40%	0%	20%	0%	40%	0%
7.	Germany	10	10%	10%	30%	0%	30%	10%	10%	10%
8.	Australia	1	0%	0%	0%	0%	0%	0%	0%	0%
9.	Iceland	1	0%	0%	0%	0%	0%	0%	100%	0%
1...	Italy	1	0%	0%	100%	0%	0%	0%	0%	0%
1...	Japan	1	0%	0%	0%	0%	100%	0%	0%	0%
1...	Lithuania	1	0%	0%	0%	0%	100%	0%	0%	0%
1...	Poland	1	0%	0%	100%	0%	0%	0%	0%	0%
1...	Portugal	2	0%	0%	50%	0%	0%	50%	0%	0%
1...	Spain	1	0%	0%	100%	0%	0%	0%	0%	0%

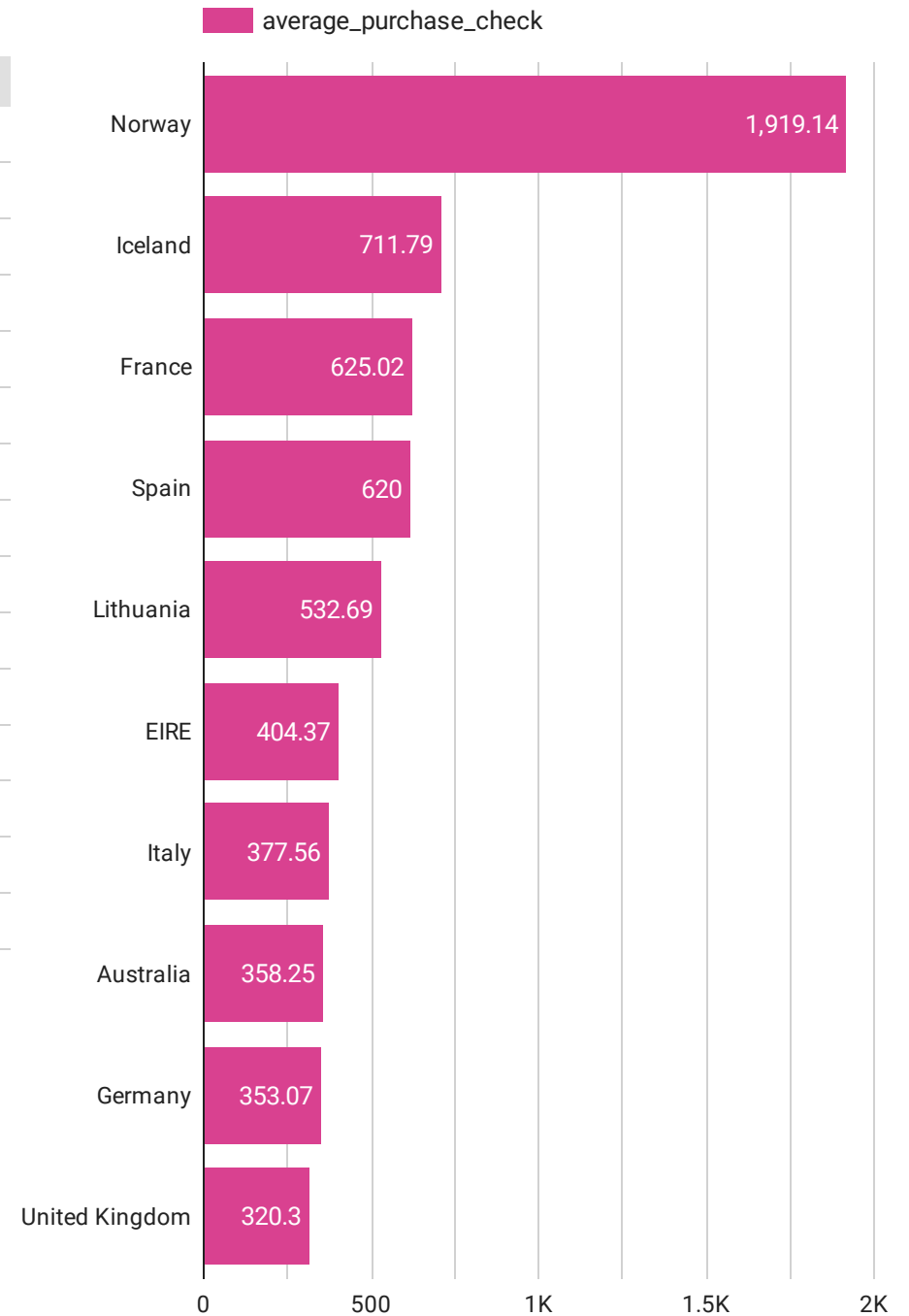


Countries with the highest and lowest average purchase receipts

	Country	unique_orders	total_purchase_amount	total_purchase_amoun...
1.	United Kingdom	534	171042.12	171,042.12
2.	Germany	12	4236.84	4,236.84
3.	France	6	3750.15	3,750.15
4.	EIRE	8	3235	3,235
5.	Norway	1	1919.14	1,919.14
6.	Lithuania	3	1598.06	1,598.06
7.	Iceland	1	711.79	711.79
8.	Spain	1	620	620
9.	Italy	1	377.56	377.56
10.	Australia	1	358.25	358.25
11.	Japan	1	320.08	320.08
12.	Belgium	1	315.86	315.86
13.	Poland	1	248.16	248.16
14.	Switzerland	1	229.16	229.16
15.	Portugal	2	210.96	210.96
16.	Netherlands	1	192.6	192.6

1 - 16 / 16 < >

The **highest average purchase** check is in Norway (1919\$).
The **lowest average purchase** check is in United Kingdom (320\$).





Churn analysis

