AB TEST

Globox Landing site

Metrics that define success:

- Conversion rate.
- Revenue generated.

Time frame: (25/01/2023) to (6/02/2023)

12 (days)

User ID(count): 48943

Group A: Control existing landing page



Group B: Treatment landing page with food & drink banner



An A/B test is an experimentation technique used by businesses to compare two versions of a webpage, advertisement, or product feature to determine which one performs better.

Conversion Rate:

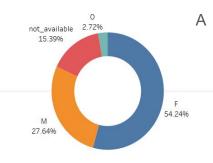
Country:

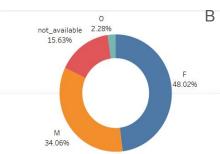


1,139



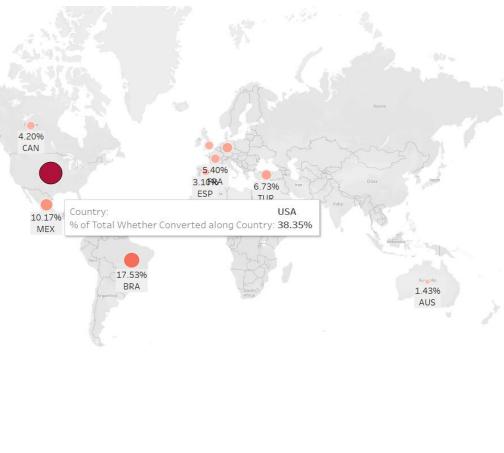
955





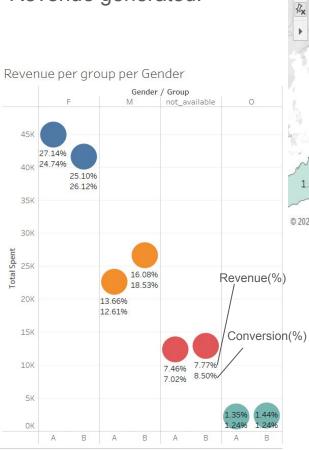
		Group	
Gender	A+ ▼	Α	В
F		10,069	10,061
M		10,054	10,235
not_available		3,412	3,443
0		808	861

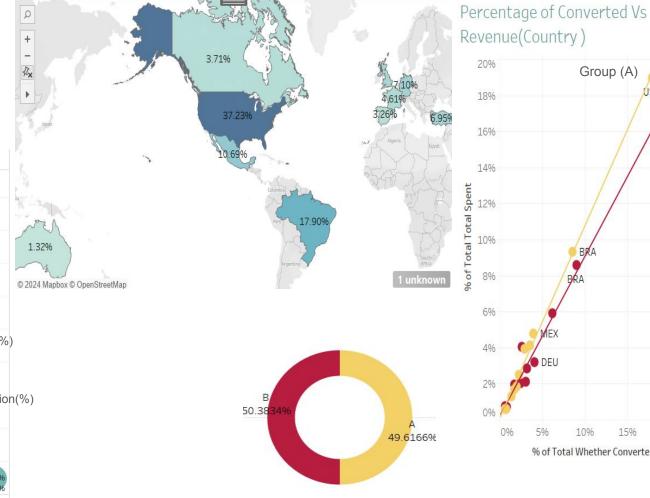
	Group	
Country	Α	В
AUS	608	560
BRA	4,805	4,629
CAN	767	803
DEU	1,906	1,948
ESP	997	996
FRA	1,536	1,554
GBR	1,455	1,494
MEX	2,815	2,923
not_available	296	347
TUR	1,849	1,883
USA	7,309	7,463



70% of conversion comes from one Continent only (America).

Revenue generated:





20%

18%

16%

14%

12%

10%

6%

4%

2%

DEU

5%

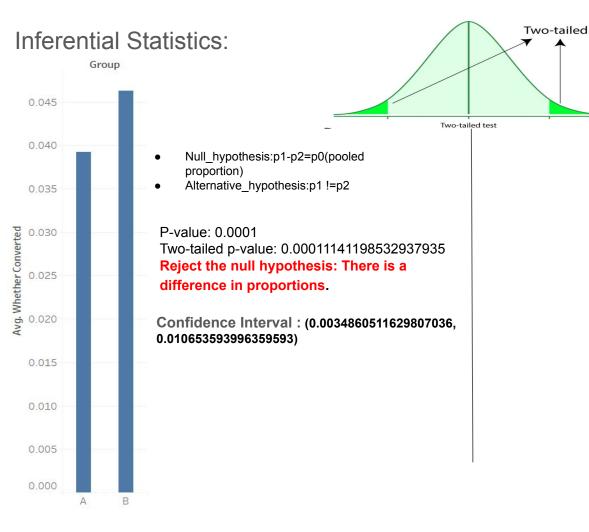
15%

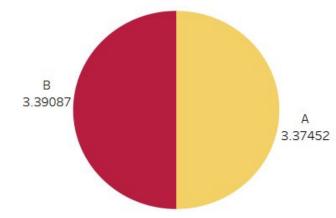
% of Total Whether Converted

20%

Group (A)

Group(B)





- Null hypothesis: u1(mean)-u2(mean)=u0(zero)
- alternative hypothesis:u1-u2<>u0

P-value: 0.9438497659410876 Fail to reject the null hypothesis: There is no significant difference in mean total spent.

Confidence Interval: (-0.43866128111980474, 0.4713582370336893)

Conclusion

DON'T LAUNCH THE CAMPAIGN

240

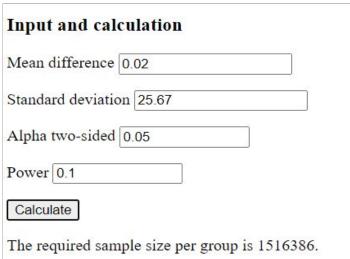
220

Conversion (novelty effect)

Reasons:

- Novelty effect
- Statistically no significant different (should redo the experiment with bigger dataset or sample).
- Also not practically significant.

Power Analysis for difference in avg total spent.





Power Analysis for difference in conversion.

