



Personalized Pricing based on AI modeling of customer's behavior

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Toll roads, parking



Public transport



Car, Bike etc.
sharing



Telecom



Much more...

WE PREDICT IN REAL-TIME
PROBABILITY OF SERVICE USAGE
FOR EACH CUSTOMER
AND CALCULATE A DISCOUNT
TO OFFER THE PRICE HE IS READY TO PAY NOW



For any paid resource there are a lot of potential customers that do not use the resource because of price



For an idle resource (free parking place, toll road without traffic, etc.), almost any non-zero price becomes profit



Not to lose revenue from current users, the reduced price should be offered only to customers who do not intend using the resource by normal price



System requirements: anonymized orders' history for training ML models and a channel for personal offers delivery



We analyze the behavior of each specific user of a paid resource using machine learning



We know how to accurately find those who do not use because of the high price



We utilize the idle resource by attracting those who really care about the high costs with the help of personal prices



We guarantee an increase in both resource loading and revenue due to the high accuracy of models trained on big data



We use our cloud service to demonstrate the effectiveness of the technology on real clients in the form of a quick POC pilot

Pilot projects at intracity toll road, Saint Petersburg



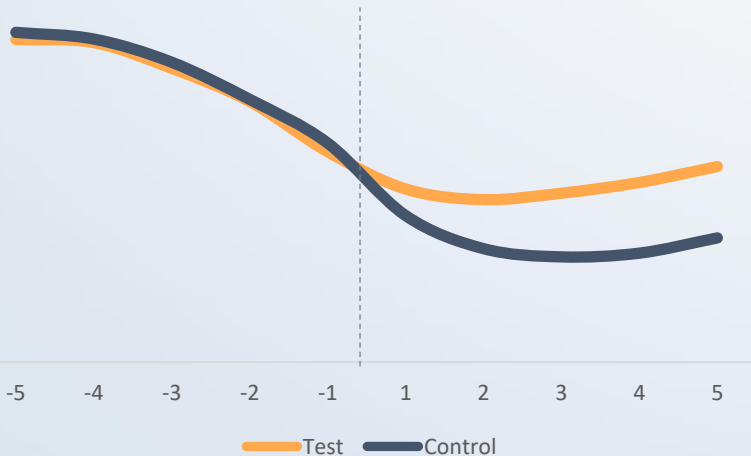
Three A/B tests in 2019-2021



50 000 real customers



Proven growth in both traffic and
revenue



+ 4-6% traffic
+ 2-4% revenue *

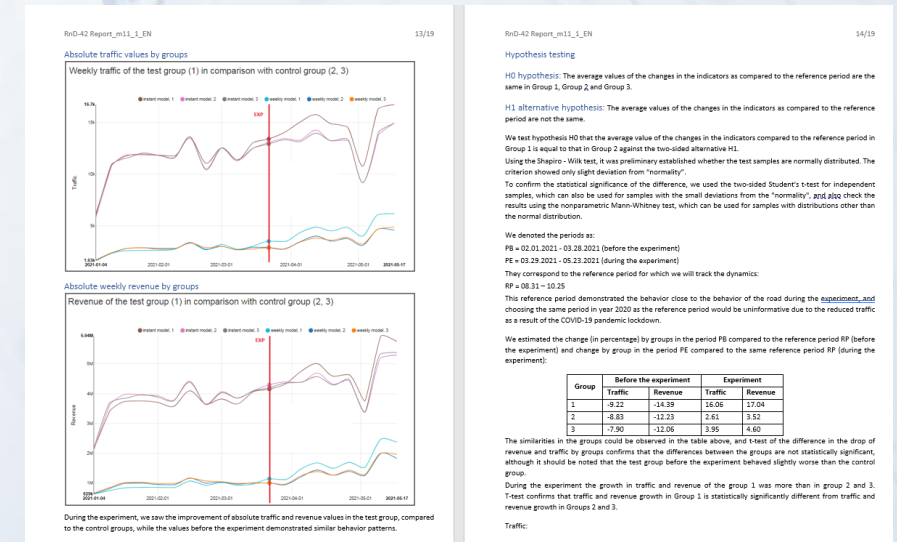
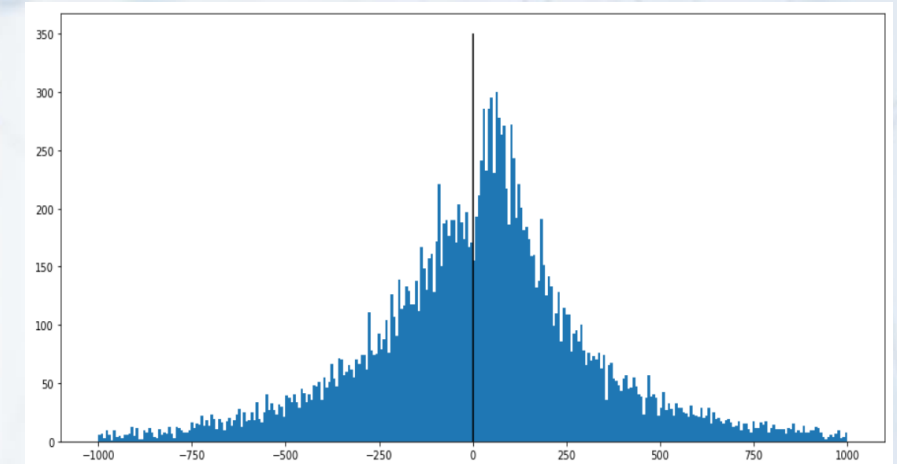
* according to A/B test results

http://rnd-42.com/whsd_exp_3

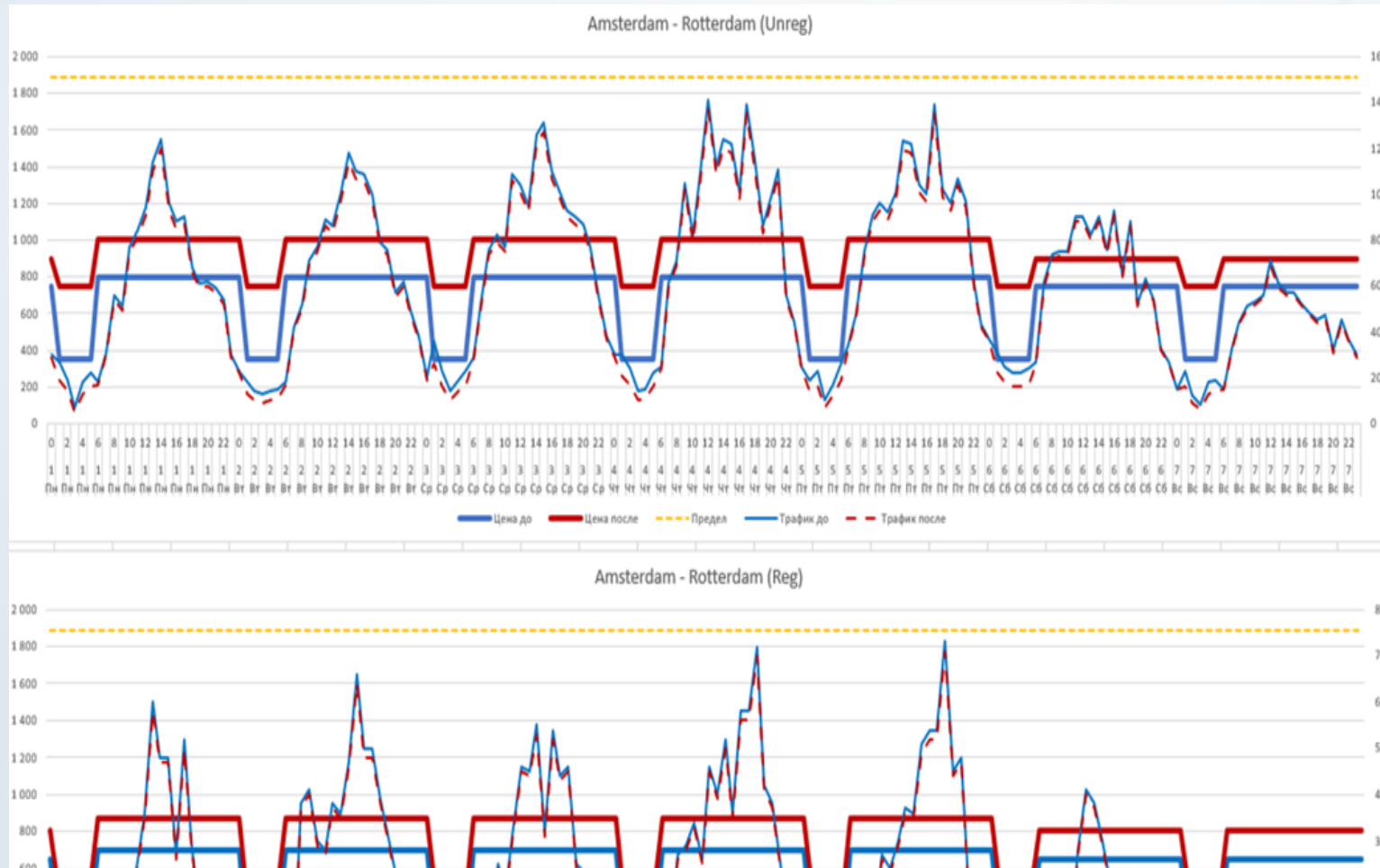


WE CONDUCT SEVERAL RESEARCHES AND TRY DIFFERENT MODELS DURING THE PILOT TO FIND THE BEST SOLUTION FOR EACH CONCRETE PROJECT

What would you choose?
1 of 7



OFTEN, BEFORE PERSONALIZATION YOU NEED TO OPTIMIZE YOUR BASE PRICING WE PROVIDE SPECIAL CLOUD SERVICE FOR PRICING OPTIMIZATION



Elasticity estimation,
traffic structure
forecast



Multicriterial
mathematical
optimization



Timetable and pricing
recommendation

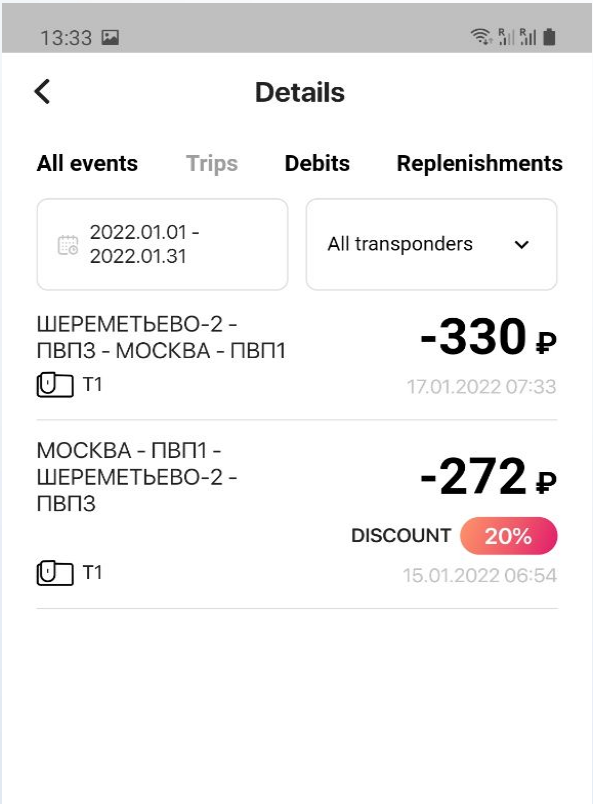
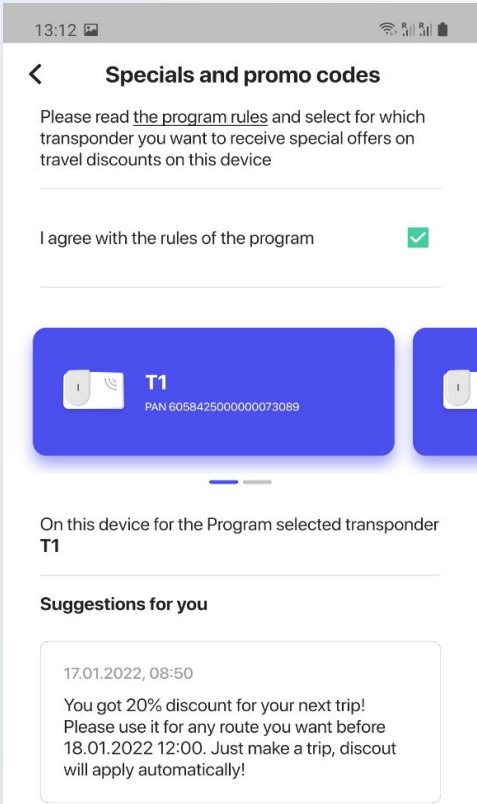
Smart Loyalty program for M11 Highway Moscow – Saint Petersburg



Pricing Optimization
Personalized Pricing



Proven growth in both traffic and
revenue





KNOW THE QUESTION

RnD-42 LLC was founded in 2020, research company in the field of using artificial intelligence to predict user behavior and influence this behavior through personal pricing.

The team consists of smart city scientists, mathematicians, programmers and marketing specialists.

Dmitry Volkov, Ph.D., Founder & CEO

more than 25 years in software industry, co-owner and development director of Onyma® software brand (Billing, CRM, and BPM, 80+ clients around the world).

Architect of toll collection system used at most of the Russian highways (M3, M4, M11, WHSD).

Looking for clients and partners to conduct pilot projects with service providers around the world to prove the “win-win” concept and then implement personalized pricing based on our products.



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