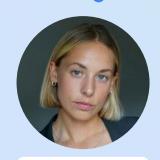
Modern Measurement in practice with Pandora



Ana Carreira Vidal

Media effectiveness specialist

Google

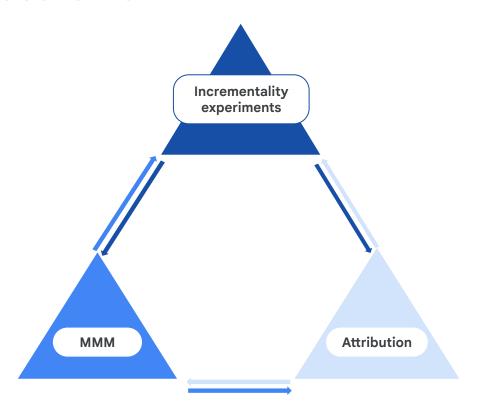


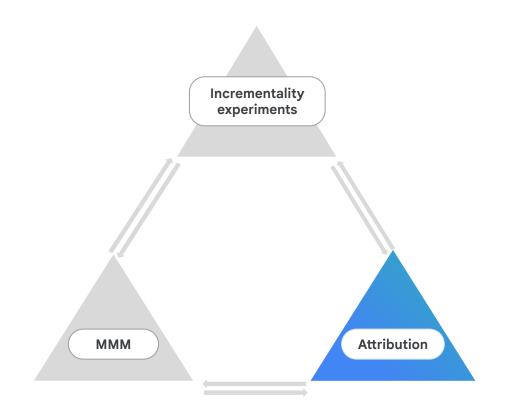
Katharina Hanke

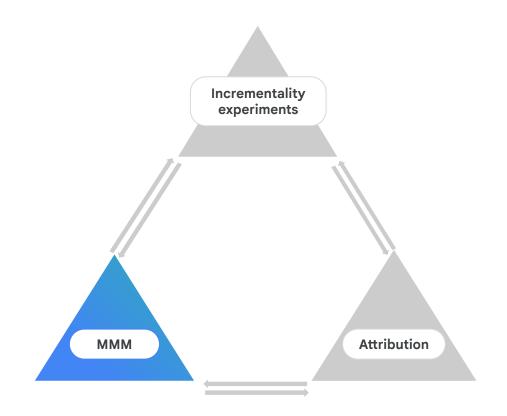
MarTech Product Manager

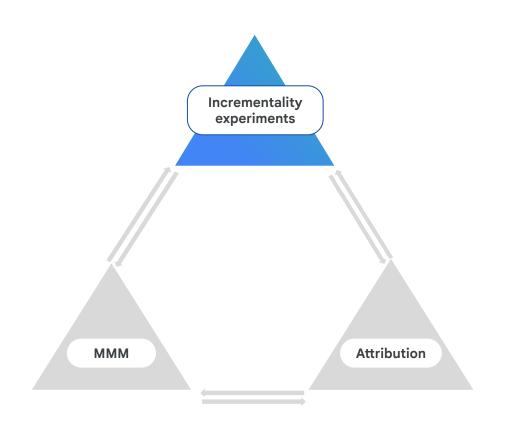
PANDÖRA

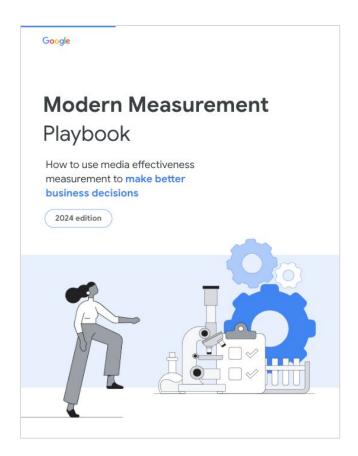
Modern measurement







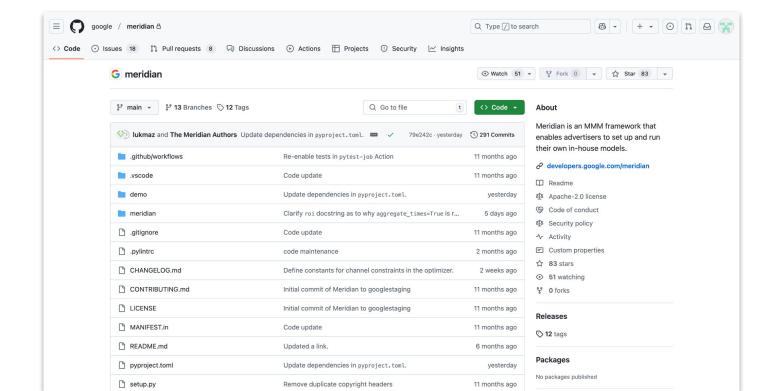




The Modern Measurement playbook

Getting started with Modern Measurement

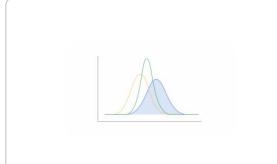
Meridian



Democratizing MMM innovation



Democratizing MMM innovation

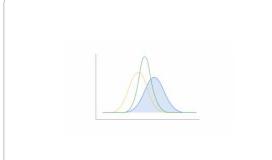


Improve MMM accuracy via **calibration**.



Improve upper funnel measurement via **Reach** & **Frequency.**

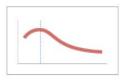
Democratizing MMM innovation



Improve MMM accuracy via **calibration**.



Improve upper funnel measurement via **Reach** & **Frequency.**



Improve lower funnel measurement via **Google Query Volume.**

Getting started with Meridian

Data scientists

In-house data science team or a certified partner with Python capabilities.

Historic data

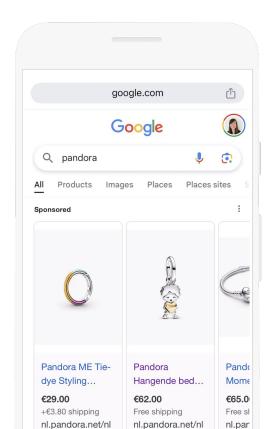
Complete, accurate and validated historic data for all potential drivers of sales.

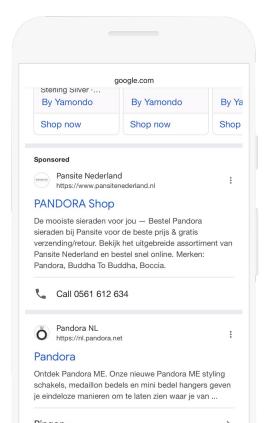
Pro tip: Use Google Campaign data from MMM Data Platform. Fully external by 2025.

C-level sponsorship

MMM is a cross-functional project and requires a shared priority, endorsed by a CMO.

Incrementality experiments with Conversion Lift

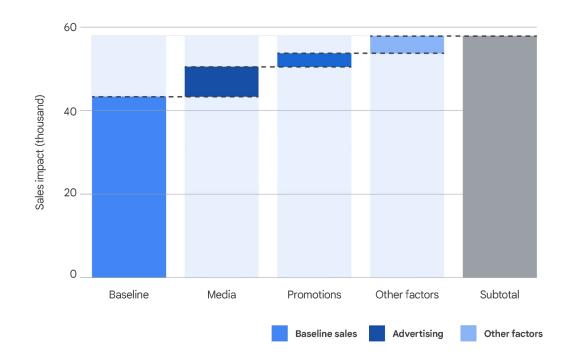




Understanding results

5.5% lift in sales

Every company has a baseline



Put results into context



Run incrementality experiments with Conversion lift

Impact

Where does your measurement (attribution or MMM) have gaps?

Availability

Demand Gen and Youtube available in your Google Ads UI (allow listing). All channels through your account team.

Possible to create experiments based on geos or based on users.

Feasibility

Data permitting. Not all campaigns or channels have enough volume to grant a statistically sound experiment.



MOST SEARCHED FOR JEWELLERY BRAND ON GOOGLE IN 2024

WITH THE SHARE OF SEARCH REACHING 39%



MODERN MEASUREMENT

MEASUREMENT | EVALUATE PAST PERFORMANCE, MONITOR PRESENT AND OPTIMIZE FUTURE

PAST PRESENT FUTURE

MEASUREMENT

Explain and evaluate
past media and business
performance through
best-in-class
measurement framework

REPORTING

Monitor the present state through thorough and timely reporting

OPTIMIZATION

Provide the strongest possible foundation for future planning

EACH MEASUREMENT TOOL HAS ITS OWN PURPOSE

MEASUREMENT | EVALUATE PAST PERFORMANCE AND OPTIMIZE FUTURE

Decision

Goal

Measurement Tools

Enabling

Granular, Automated, Real-time

Measurement & Optimization

In-Platform

- Measure effectiveness inplatform
- Attribution of offline and online sales to platform activity
- Optimize targeting

Weekly & Monthly Optimization

Attribution & Optimization

Agile MMM & Incrementality Experiments

- Experiments and agile MMM to understand the true value of ads
- Ensure, optimized and changing investments are backed by test results.

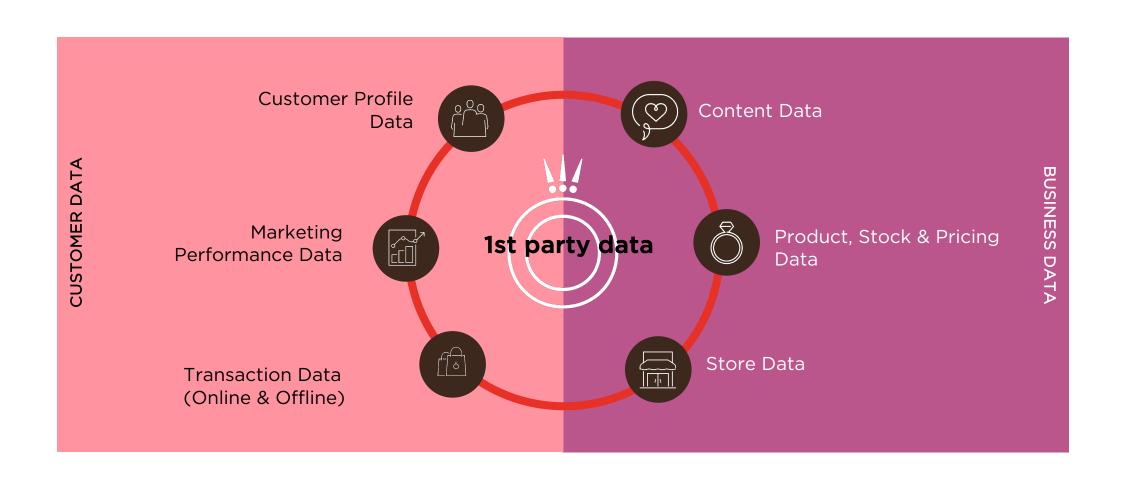
Quarterly & Yearly Planning

Evaluation & Optimized Planning

Marketing Mix Model

- Evaluation of past investment
- Annual & quarterly planning
- Scenario simulation and forecasting

MEASUREMENT FOUNDATION | DATA CAPTURE AND FIRST-PARTY DATA LEVERAGE



MEASUREMENT | EVALUATE PAST PERFORMANCE AND OPTIMIZE FUTURE

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IN-PLATFORM MEASUREMENT I LEVERAGING OUR FIRST-PARTY DATA

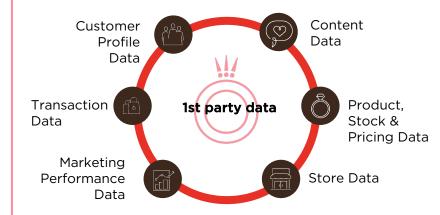
MEASURE Effectiveness In-Platform

 By linking ad activity to actual purchases or user behaviour, we gain insights into which campaigns drive real business results.

ATTRIBUTION of Offline and Online Sales to Platform Activity

OPTIMIZE Targeting

 To reach the most relevant customers, leading to higher engagement and conversion rates



IN-PLATFORM MEASUREMENT I

STORE SALES INTEGRATION INTO MEDIA BIDDING

GOOGLE STORE SALES MEASURMENT

OUR BIGGEST REVENUE DRIVER IN PAID MEDIA IN 2023



Logged in Google/users click on a Google search ad



User visits store and provides email/phone at purchase (through e.g. loyalty progam)



Pandora uploads store sales data through Campaign Manager API



Store Sales matches
Google logged/in data
with transaction data from
Pandora. Total influences
store sales are attributed
to Google Search ad clicks
as Google Ads
conversions.



RESULTS 2023

77%

Growth in Google Ads revenue 52%

Incremental Revenue increase in Germany YoY

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EXPERIMENTATION | FOR ONGOING OPTIMIZATION

SCALE SUCCESSFUL USE CASES ACROSS MARKETS

Once proven incremental value, scale to more markets to drive large scale value while measuring actual impact

TRACK VALUE AND ARRIVE AT NEW BAU, **CONSTANTLY IMPROVING**

After 12 month of measuring value with agile MMM, we move to 'business as usual' with continuous improvement and optimization.



Test on small spend with clean 40-40 -20 A/B / C setup. Measure incremental value with agile MMM.

BUILD EXPERIMENT

FOR INCREMENTALITY

DESIGNS TESTING

Test & Learn

EXPERIMENTATION | EXECUTING +100 INCREMENTALITY EXPERIMENTS ANNUALLY

Test type Example Description Test channel or overall spend levels Offline vs. online total spend Spend level test to find optimal spend balance levels Testing creative formats Data driven creatives Creative test Testing a new feature within a Feature test Smart shopping in search test platform Targeting test LAL RFM audience test Testing specific audiences or Platforms for retargeting in Platform test Testing one platform against another video and display

HYPOTHESIS

Example: Giving a higher value to new customers in Google Ads bidding will improve the incrementality of the investment.

TEST & MEASUREMENT

Test Type: Targeting Test

Where: Market X

When: 6 weeks start 1st of April

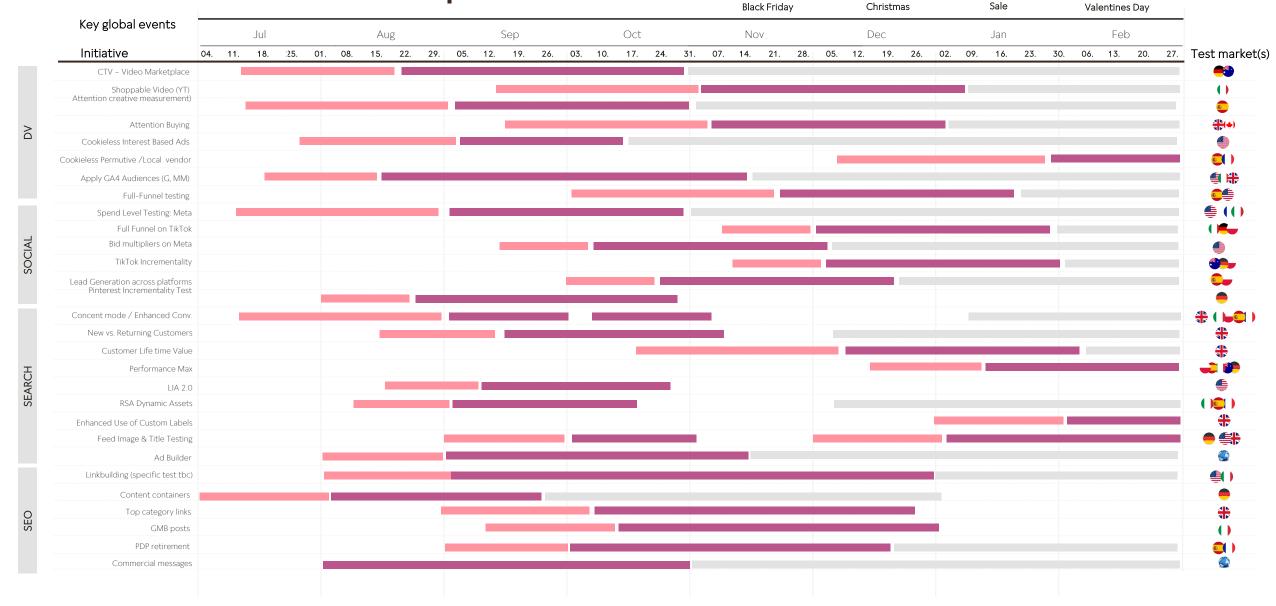
Test Parameters: Clicks, Revenue, CPC, ROAS
Measurement Tool (agile MMM): Incr. Revenue
Budget Requirements: Double of Shopping Spend

Budget Funding: Local Market

ESTIMATED IMPACT

Incrementality (eg. Increased incrementality in Search investment), estimation with help of agile MMM.

EXPERIMENTATION | TEST ROADMAP H2 2024



MEASUREMENT | EVALUATE PAST PERFORMANCE AND OPTIMIZE FUTURE

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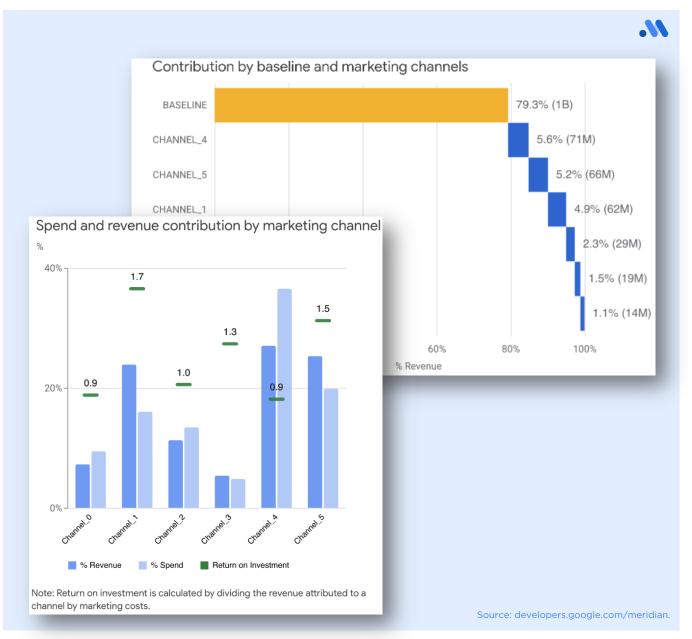


Google's open-source MMM solution.

MARKETING MIX MODEL | EVALUATION & OPTIMIZED PLANNING

RETROPERSPECTIVE

- How did the marketing channels (Search, Display, Social, TV) drive my revenue?
- What was my return on ad spend (ROAS) per channel?





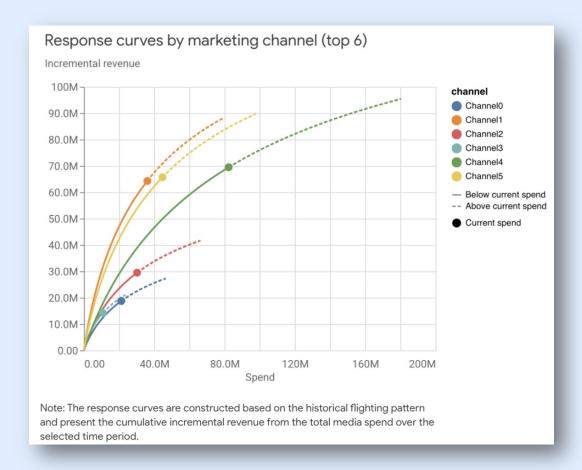
MARKETING MIX MODEL

EVALUATION &OPTIMIZED PLANNING

FORECASTING

- How will my upcoming revenue per channel look like with same spend?
- What is the correlation between marketing activities and business results?





Source: developers.google.com/meridian.

MARKETING MIX MODEL | EVALUATION & OPTIMIZED PLANNING

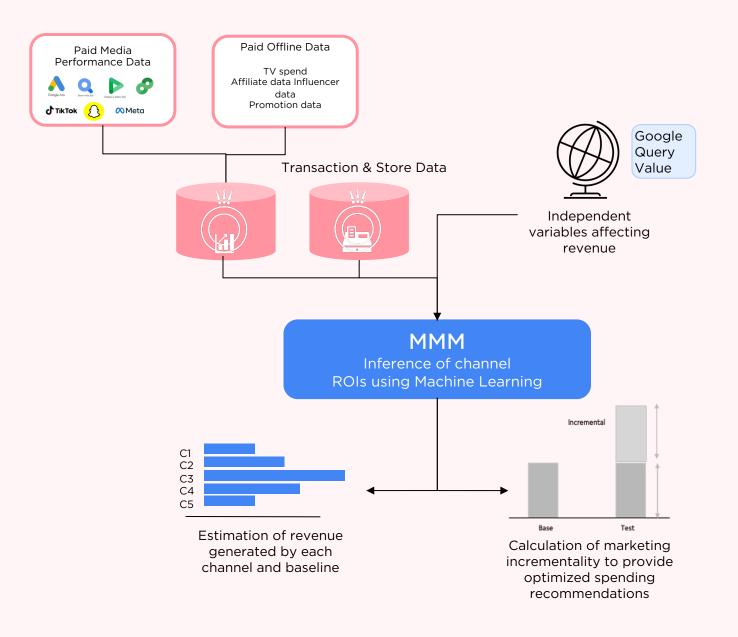
SCENARIO SIMULATION & PLANNING

- How can I optimize my budget allocation for the highest possible Return on Investment?
- How will my revenue change with optimized budget allocation?



LAUNCHING MERIDIAN: HOW WE MADE IT A SUCCESS

HIGH DATA QUALITY AS A FOUNDATION FOR A POWERFUL MARKETING MIX MODEL



MARKETING MIX MODEL | KEY LEARNINGS

FROM MERIDIAN ROLL-OUT

HIGH INPUT DATA QUALITY

Input data must be cleaned, validated, and structured data with a standardized format across all channels. This will increase the reliability of the results and decrease biases.

REASONABLE DATA QUANTITY

Frequently updated data and 3 years of historical data across all channels (paid, offline, sales). Data from min. 4 different paid channels.

CROSS FUNCTIONAL PROJECT TEAM

Data Scientist, Data Engineer and Media Planner working in close collaboration. Especially the media planners need to invest their time in validating the models output.

CUSTOMAZIBLE MODEL AND EASY TO SCALE

Working in your **own database**, with your own data at hand was highly beneficial. When all data collected, it can be **easily scaled** to other markets.









KEY TAKEAWAYS

- Invest in a strong measurement foundation by capturing and storing your first-party data.
- Maximize in-platform measurement by leveraging first-party data.
- Ontinuously improve business-as-usual by running incrementality experiments.
- Use a Marketing Mix Model as the definitive source for assessing channel value and guiding investment decisions.



THANK YOU

PANDÖRA