

THE DIGITAL ADVANTAGE
LEADING CHANGE
WHEN STATUS QUO
RESEARCH IS NO
LONGER AN OPTION





KANDICE COLTRAIN VICE PRESIDENT, BUSINESS DEVELOPMENT AYTM



# 1. HOW **TECHNOLOGY** CAN BE USED TO HELP **MANAGE STAKEHOLDER EXPECTATIONS**.

- 2. SIMPLE WAYS TO **EXECUTE COMPLEX RESEARCH** TESTS
- 3. HOW TO BE CONFIDENT YOUR **TECHNOLOGY PARTNER** IS SUPPLYING THE HIGHEST QUALITY DATA.
- 4. PRACTICAL ADVICE FOR ENSURING YOUR **TECHNOLOGY** PARTNERSHIPS ARE **FLEXIBLE AND ADAPTABLE**.





# GRIT 2019 TOP 50 INNOVATIVE COMPANY



### AYTM MARKET RESEARCH PLATFORM





Top-rated proprietary and partner consumer panels reaching over 60MM respondents globally



### **SURVEY PLATFORM**

An easy but powerful selfservice survey platform with advanced research tests powered by automation



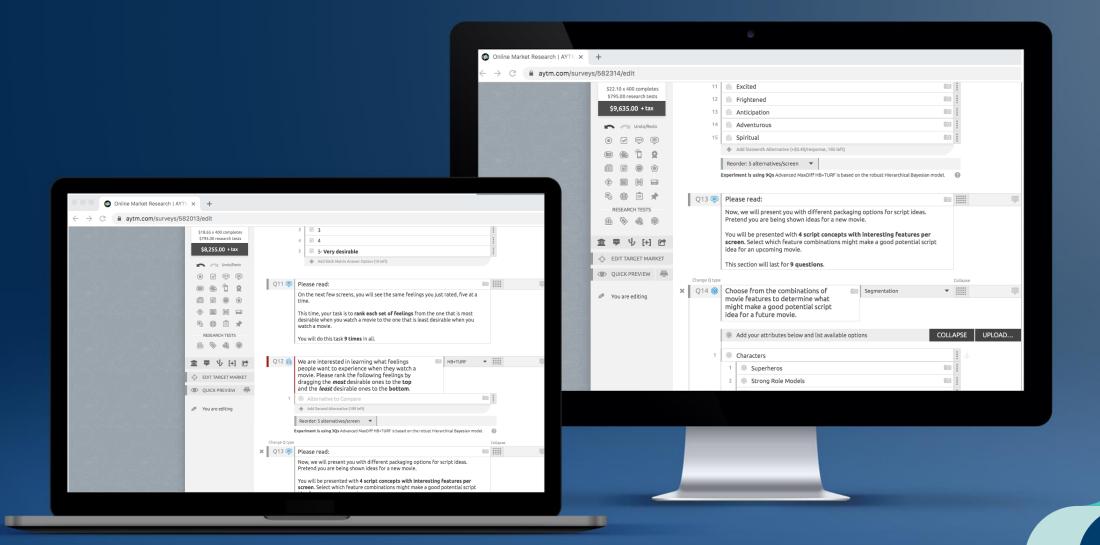
#### **RESEARCH SERVICES**

Professional stats and visualization tools. Friendly support, expert Research Teams, and training tools that make your job easier





### MEETING STAKEHOLDER EXPECTATIONS



### MEETING STAKEHOLDER EXPECTATIONS













**TURF** 



Conjoint



Van Konan



**KANO** 



### SUCCESS METRICS

3,776 DAYS 3-24 HRS 2-3 DAYS

TIME SAVED FOR **DISCRETE CHOICE** 

MAXDIFF RESULTS **VS.4 WEEKS** 

**CONJOINT RESULTS VS.5 WEEKS** 





Poor data quality

## CHAIN REACTION

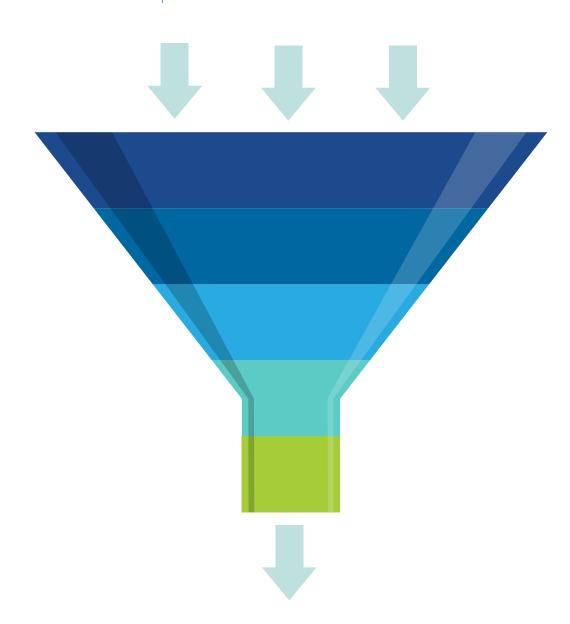


Business decisions that move the brand in the wrong direction

Lower market share Erodes
the trust
built with
stakeholders

Negatively impact your company's ability to understand the consumer





- 1 REMOVE BOTS
  Fraudulent activity
- 2 REMOVE DUPLICATES

  Multiple ID/devices digital fingerprinting
- 3 VERIFY TARGET AUDIENCE
  Representativity PII, sampling methodology
- 4 VERIFY RESPONSE QUALITY
  Open-ends, Red herring, Prequal masking
- 4 OVERALL EXPERIENCE
  And fielding speed

### WHAT TO LOOK FOR IN A TECHNOLOGY PARTNER - FLEXIBILITY

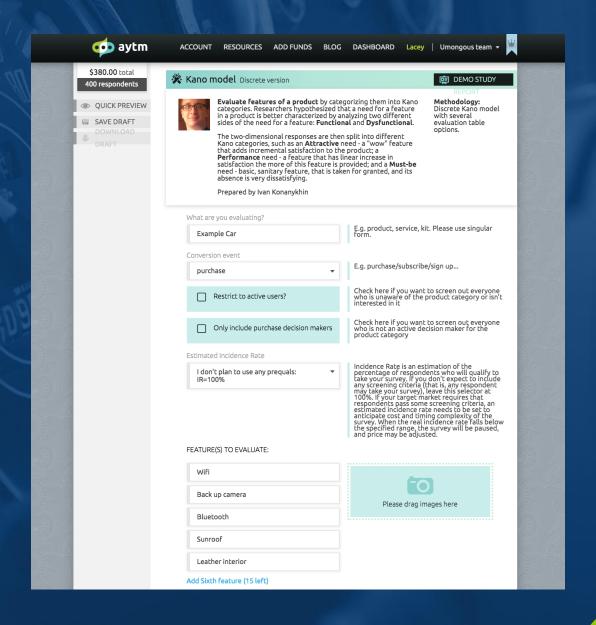




### WHAT TO LOOK FOR IN A TECHNOLOGY PARTNER - FLEXIBILITY



## AMERICAN CAR COMPANY



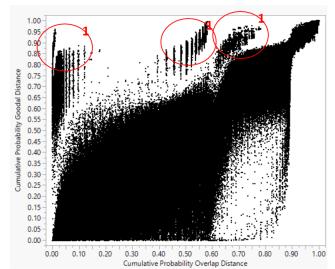






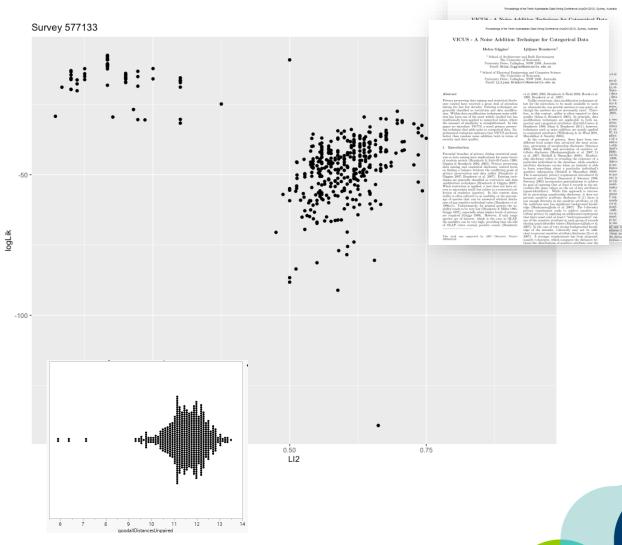
### WHAT TO LOOK FOR IN A TECHNOLOGY PARTNER - REPUTATION + THOUGHT LEADERSHIP

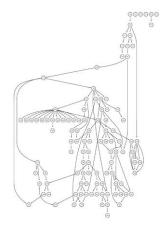
$\begin{split} &= \left\{\begin{array}{ll} + & i  \mathcal{L}_{2} \times \mathcal{L}_{3} \\ &= \left\{\begin{array}{ll} - & i  \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} & \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} & \mathcal{L}_{3} \times \mathcal{L}_{3} \\ &= \left\{\begin{array}{ll} - & i  \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_{3} \\ \mathcal{L}_{3} \times \mathcal{L}_$	\$\frac{1}{2}\$ \$\
$\begin{split} &= \left\{ \begin{array}{ll} & \text{if } X_1 = Y_2 \\ & \text{if } X_1 = Y_2 \text{ in the times} \\ &= \left\{ \begin{array}{ll} & \text{if } X_1 = Y_2 \\ & \text{if } X_1 = Y_2 \\ & \text{otherwise} \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \text{if } X_1 = Y_2 \\ & \text{otherwise} \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \text{if } X_1 = Y_2 \\ & \text{otherwise} \end{array} \right. \\ &= \left\{ \begin{array}{ll} & 2 \log (X_1 + Y_1) \\ & 2 \log (X_1 + Y_1) \\ & 2 \log (X_1 + Y_2) \\ & 2 \log (X_1 + Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_1) \\ & 2 \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_1) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in \mathcal{N}} \log (X_1 - Y_2) \\ & 2 \log (X_1 - Y_2) \end{array} \right. \\ \\ &= \left\{ \begin{array}{ll} & \sum_{i \in N$	$\begin{array}{c} \frac{1}{2} \\ \\ \sum_{i=1}^{m} \max_{j \in \{i,j\} : i \in \operatorname{sup}_{j}(n)\}} \\ \\ \sum_{i=1}^{m} \sum_{j \in \operatorname{sup}_{j}(n)} \sum_{j \in \operatorname{sup}_{j}(n)} \\ \\ \frac{1}{2} \end{array}$
$\begin{cases} &1 & \text{if } X_{\lambda} = Y_{\lambda} \\ &1 & \text{otherwise} \end{cases}$ $= \begin{cases} &1 & \text{otherwise} \\ &2 \log_{10}(X_{\lambda}) + \log_{10}(Y_{\lambda}) \end{cases}$ $= \begin{cases} &2 \log_{10}(X_{\lambda}) + \beta_{\lambda}(Y_{\lambda}) \\ &2 \log_{10}(X_{\lambda}) + \beta_{\lambda}(Y_{\lambda}) \end{cases}$ $= \begin{cases} &1 & \text{otherwise} \\ &2 \log_{10}(X_{\lambda}) + \beta_{\lambda}(Y_{\lambda}) \end{cases}$ $= \begin{cases} &1 & \text{otherwise} \\ &2 \log_{10}(X_{\lambda}) + \beta_{\lambda}(Y_{\lambda}) \end{cases}$ $= \begin{cases} &1 & \text{otherwise} \\ &0 & \text{otherwise} \end{cases}$	$\begin{array}{c} \frac{1}{2} \\ \sum_{m=0}^{\infty} \log p_{ij}(k_{ij}) + \log p_{ij}(k_{ij}) \\ \\ \sum_{m=0}^{\infty} \sum_{k \in \mathbb{N}} \log p_{ij}(k) \end{array}$
$\begin{split} & \left\{ \begin{array}{ll} \operatorname{trian} \sup_{X \in \mathcal{X}_{N}} \operatorname{statember} \\ & \left\{ \begin{array}{ll} \operatorname{2log}_{X}(X_{1}) + \mu_{X}(X_{2}) \\ \operatorname{2log}_{X}(X_{1}) + \mu_{X}(X_{2}) \\ \end{array} \right. \\ & \left\{ \begin{array}{ll} \operatorname{2log}_{X}(X_{1}) + \mu_{X}(X_{2}) \\ \operatorname{2log}_{X}(X_{2}) + \mu_{X}(X_{2}) \\ \end{array} \right. \\ & \left\{ \begin{array}{ll} \sum_{X \in X} \operatorname{log}_{X}(y) & \text{if } X_{N} = Y_{1} \\ \operatorname{2log}_{X}(X_{N}) + \mu_{X}(X_{N}) \\ \end{array} \right. \\ & \left\{ \begin{array}{ll} -\sum_{X \in X} \mu_{X}(y) & \text{if } X_{N} = Y_{1} \\ \operatorname{statember} \end{array} \right. \\ & \left\{ \begin{array}{ll} -\sum_{X \in X} \mu_{X}(y) & \text{if } X_{N} = Y_{2} \\ \operatorname{statember} \end{array} \right. \\ & \left\{ \begin{array}{ll} -\sum_{X \in X} \mu_{X}(y) & \text{if } X_{N} = Y_{2} \\ \operatorname{statember} \end{array} \right. \end{split}$	$\begin{array}{c} \vdots \\ \sum_{i=1}^{n} \log p_i(Y_i) \operatorname{diag} g_i(Y_i) \\ \\ \sum_{i=1}^{n} \sum_{a \in \mathcal{B}} \log p_i(a) \end{array}$
$\begin{split} &= \left\{ \begin{array}{ll} \sum_{i \in \mathcal{Q}} \log p_i(u) & \text{if } X_h = V_h \\ 2\log \sum_{u \in \mathcal{Q}} p_i(u) & \text{otherwise} \\ \\ &= \left\{ \begin{array}{ll} 1 - \sum_{u \in \mathcal{Q}} p_i^2(u) & \text{if } X_h = V_h \\ 0 & \text{otherwise} \end{array} \right. \end{split}$	$\frac{\sum_{i=1}^{N}\sum_{g\in\mathcal{G}}^{\frac{1}{2}\log g_{i}(g)}}{\frac{1}{2}}$
$= \begin{cases} 1 - \sum_{g \in Q} p_g^2(g) & \text{if } X_k = V_k \\ 0 & \text{otherwise} \end{cases}$	i
$= \begin{cases} 1 - \sum_{g \in Q} g_g^2(g) & \text{if } X_0 = Y_k \\ \end{array}$	à
$= \left\{ \begin{array}{ll} 1 - p_k^2(X_k) & \text{if } X_k = Y_k \\ 0 & \text{otherwise} \end{array} \right.$	å
$= \left\{ \begin{array}{ll} p_{k}^{0}(X_{k}) & \text{if } X_{k} = Y_{k} \\ 0 & \text{otherwise} \end{array} \right.$	á
$\begin{split} &\sum_{\substack{(X_0 \mid X_0 \mid 1 \\ (X_0 \mid X_0 \mid 1)}} + \sum_{\substack{a \in \{A_0 \mid X_0 \mid 1 \\ B \neq (a) \\ N = f_0(a)}} &\frac{f_0(a)}{N - f_0(a)} & \text{ if } X_0 = Y_0 \\ &\text{ sthere is } \end{split}$	$\sum_{k=1}^{p} u_k$
$ \begin{array}{ll} - g_k(X_k) \log_2\beta_k(X_k)+&\text{if }X_k=Y_k\\ (1-\beta_k(X_k))(\log_2(1-\beta_k(X_k))) &\text{otherwise} \end{array} $	$\frac{1}{\sum_{n=1}^{2} n_{n}}$
$\sum_{\substack{(a,b,b_k)\\ (a+b_k)}} 2\log(1-du(u))$ if $X_k = Y_k$ afterwise	30
	$ \begin{aligned} &\langle y_n(X_k)\rangle \log_2 g_k(X_k) \rangle \\ &\langle y_n(X_k)\rangle \log_2 g_k(X_k) \rangle \\ &\langle z_n(X_k)\rangle (\log_2 (1-g_k(X_k))) \end{aligned}  \text{otherwise} \\ &\langle X_k - Y_k \rangle \end{aligned} $



Cluster Dendrogram







100 120 140

80



### DIGITAL TRANSFORMATION BENEFITS

	Traditional MR Firms	AYTM Platform
Survey Design & Programming:	2 weeks	24-72 hours
Fielding/ Data Collection:	1-2 weeks	24-48 hours (unless low IR audience)
Reporting & Analysis:	1-2 weeks	data available in real-time in STATS page
Costs:	One price fits all (\$50K+)	A la carte pricing; overall savings 30%+ depending on study objectives

\$2,000-\$5,000 (varies based on sample size)

\$10,000 - \$25,000 + (varies based on services needed)

