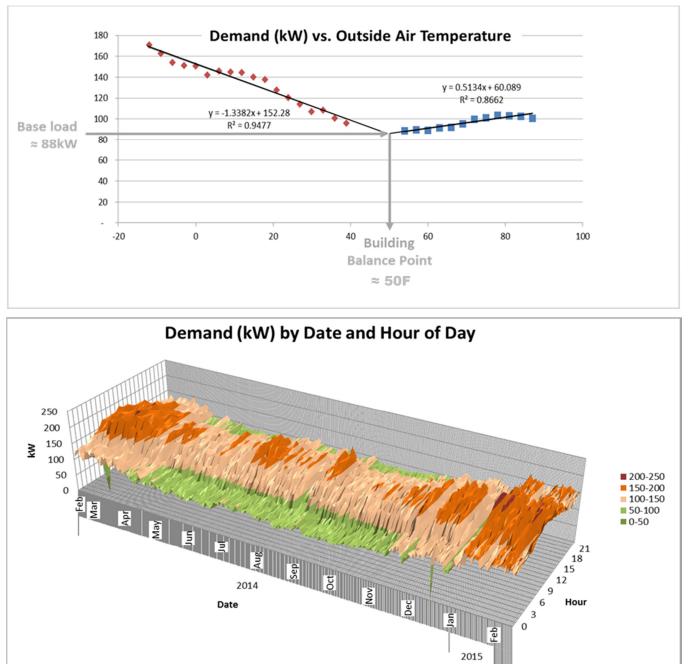
SAMPLE WORK

Building Energy Analysis & Visualization



Two views of the relationship between season and energy demand in a Vermont residential college. The first, a linear regression analysis, shows the strong relationship between temperature and demand due to the presence of electric heating (winter) and air conditioning. The second, a heat-map of demand above base load, shows the extent to which heating (December-March) dominates. Developed for <u>Dynamic Organics</u>.

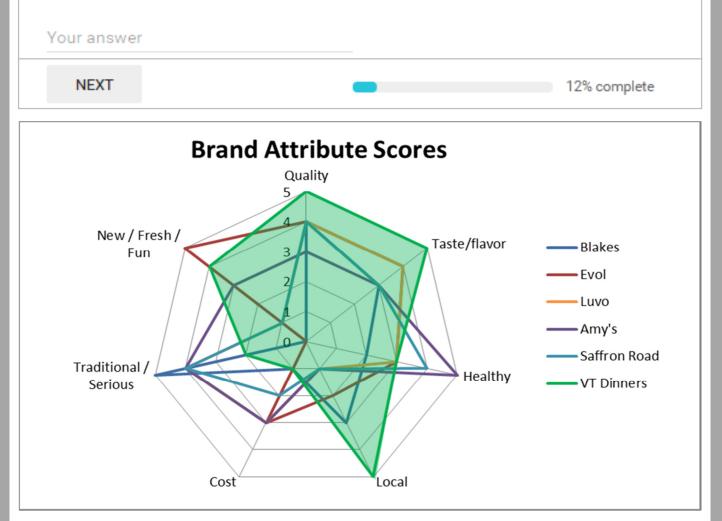
athaniel Brooks DATA-DRIVEN SYSTEMS CHANGE

Competitive Brand Position Mapping

Instructions

This is a quick/dirty exercise to compare brand perceptions: VT Dinners vs. our top five mainstream competitors across seven different brand attributes. Please score each brand on perceived value of each attribute. It isn't intended to be scientific. If you have no strong knowledge of a brand, take 30 seconds to look at their website and answer based on your first impressions.

Respondent Name



A visual illustration of the performance of VT Dinners vs. mainstream competitors on seven brand attributes critical to customer purchasing decisions. Developed as part of a forthcoming brand relaunch for \underline{VT} Dinners.

Nathaniel Brooks

DATA-DRIVEN SYSTEMS CHANGE

Management Metrics Dashboard

Calendar Year	2015		Quarter	Q4									
											∆ since last ur		
ales by Segment	Oct	Nov	2015, Q4 Dec	Total	# Buyers	Oct	Nov	2014, Q4 Dec	Total	# Buyers	∆ Sales		styr #Buyers
Public Schoo		\$2,544	\$2,691	\$9,447	# Dugers	\$5,664	\$3,216	\$4,009	\$12,889	# Dogers 11		\$3,442)	# Duyers -2
Private School	-	\$115	\$898	\$1,247	2		\$465	\$490	\$2,875	3		\$1,628)	
Healthcare	-	\$1,666	\$2,066	\$6,492	2		\$2,057	\$2,289	\$6,993	2		(\$501)	
College/University		\$600		\$1,185	1	\$1,765	\$413		\$2,178	2		(\$993)	
Retai		\$4,406	\$4,575	\$14,902	5	\$5,667	\$5,444	\$4,922	\$16,033	5	(\$1,132)		
Restaurant	\$1,243	\$288	\$532	\$2,063	3	\$2,264	\$1,406	\$1,301	\$4,971	3	0	\$2,908)	
Buying Club	\$2,790	\$2,539	\$1,518	\$6,846	2	\$4,521	\$2,796	\$3,138	\$10,454	4	0	\$3,608)	
Other	\$1,240	\$1,256	\$996	\$3,492	4	\$9	\$115	\$32	\$156	2	;	\$3,337	
Total	\$18,983	\$13,415	\$13,276	\$45,674	28	\$24,457	\$15,911	\$16,181	\$56,549	32	(\$1	0,875)	-
8% 21% 3% 2%			Public Scho Private Sch Healthcare College/Un Retail Restaurant Buying Clu	nool	\$2,000 \$1,000	\$1,000 (\$1,000) (\$2,000) (\$2,000) (\$3,000) (\$3,000) (\$2,000)							
Average sales by week \$3,262								(\$777)					
lighest delivery week	\$4,517						\$6,800					\$2,283)	
Average delivery amount \$234									(\$12)				
	Count of vendors wisales 17							-7					
Count of vendors wi sales		Fotal Invoices 200					234 -34						

A simple dashboard to convert CSV sales data into a quarterly report of management key performance indicators (KPIs). Developed for Windham Farm and Food, a local food aggregation and delivery service run by <u>Food</u> <u>Connects</u>.

