THE ROLE OF BIG DATA IN RETAIL LOCATION DECISION MAKING

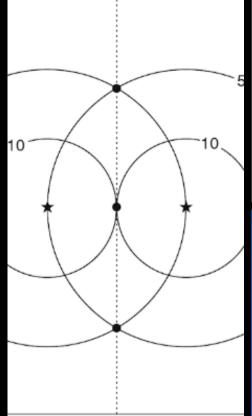
DR. LAWRENCE JOSEPH

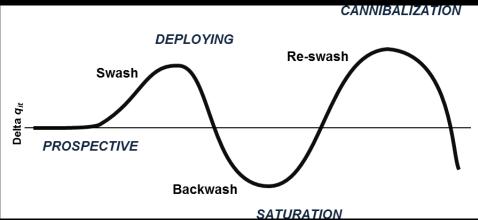
NOVEMBER 12, 2019

- 1. INTRODUCTION
- 2. CAREER JOURNEY
- 3. APPROACH AND EXAMPLES
- 4. LIVE DEMO
- 5. DISCUSSION

AGENDA









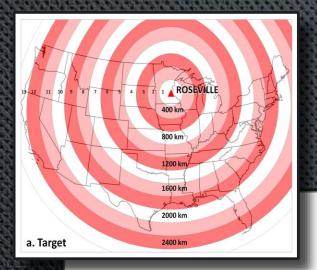


Modeling Retail Chain Expansion and Maturity through Wave Analysis:

Theory and Application to Walmart and Target

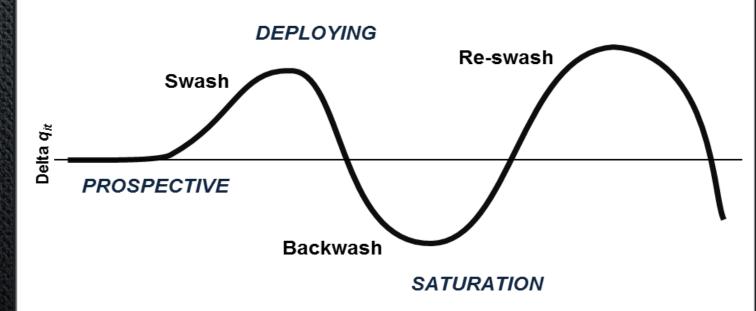
Lawrence Joseph, West Marine, Watsonville, CA, USA

Michael Kuby, School of Geographical Sciences and Urban Planning, Arizona State University Tempe, AT, USA









Time











IT BEGINS AND ENDS WITH....

LOCATION LOCATION LOCATION



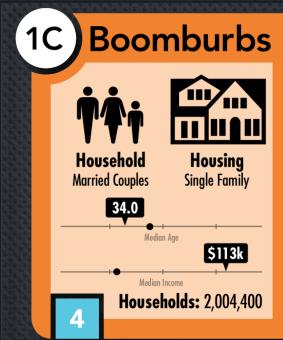




CUSTOMER CUSTOMER CUSTOMER



LIFESTYLE SEGMENTS

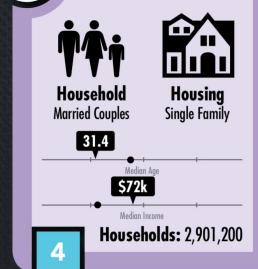


Prof/Mgmt College Degree White

- Hold gym membership; own home equipment
- Have home mortgage
- Prioritize physical fitness
- Own, use latest devices
- Prefer SUVs, luxury cars, minivans



7A Up and Coming Families



Prof/Svcs College Degree White

- Visit theme parks, zoos
- Hold student loans, mortgages
- Contract for home and landscaping services
- Go online to shop, bank, for entertainment
- Own late model compact car, SUV



CUSTOMER & MEMBERSHIP UNDERSTANDING

WHY IT MATTERS:

- Develop a deep understanding of current and future customers.
- ACCESS TO A LARGE CUSTOMER DATABASE, STORE FLEET AND LOYAL CUSTOMERS

OPPORTUNITIES:

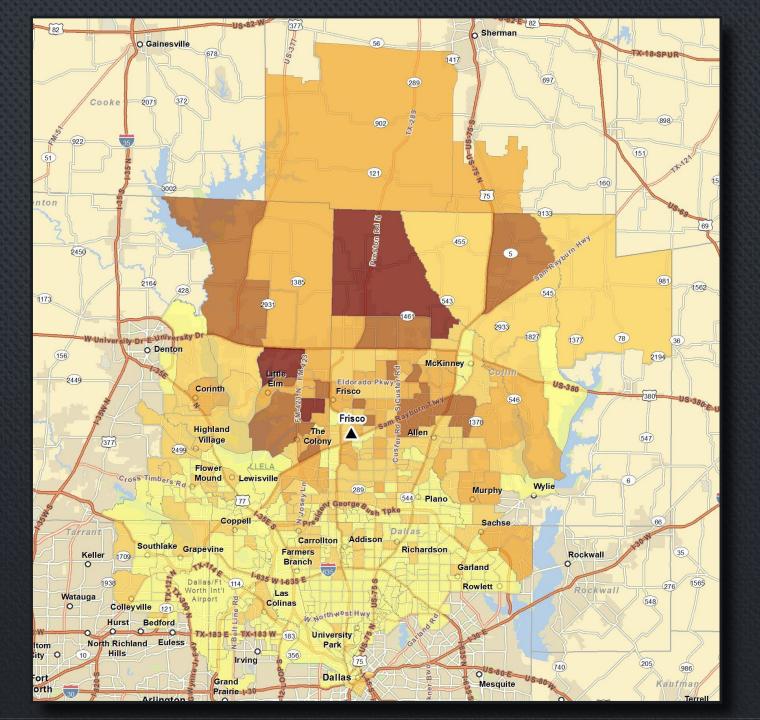
- Profile and define customer segments to acquire and retain
- ASSORTMENT DENTIFY ASSORTMENTS BASED ON CUSTOMER
- DENTIFY CURRENT AND POTENTIAL NEW CUSTOMERS AT CURRENT SITES
- FLEET EVALUATE SITES FOR EXPANSION, REDUCTION, CLOSURE
- CHANNEL UNDERSTAND CUSTOMER PREFERENCES AND USAGE
- BEHAVIORS KNOW HOW SERVICE LEVELS AND VISITORS BEHAVE IN STORE

CUSTOMERS - WHO ARE THEY AND WHY SHOULD THEY CARE?

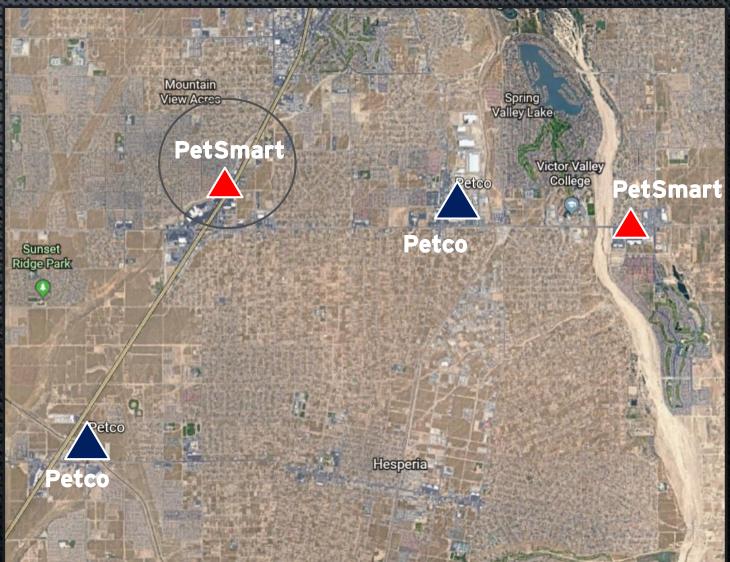
THE 4P'S OF RETAIL

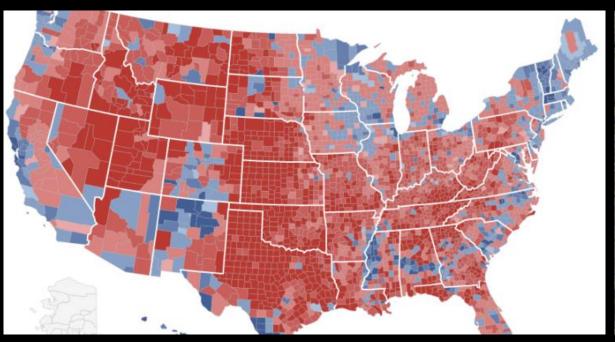
- PEOPLE DO YOUR TEAMS DELIVER MEMORABLE EXPERIENCES?
- PRODUCTS IS THE ASSORTMENT, DEPTH AND PRICES RIGHT?
- PRESENTATION IS THE 4-WALL CUSTOMER JOURNEY AMAZING?
- PLACE ARE YOU WHERE YOU NEED TO BE? (CHANNELS AND LOC)

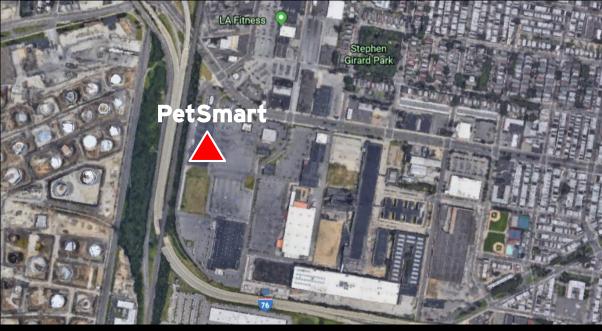
RETAIL MARKET ANALYSIS





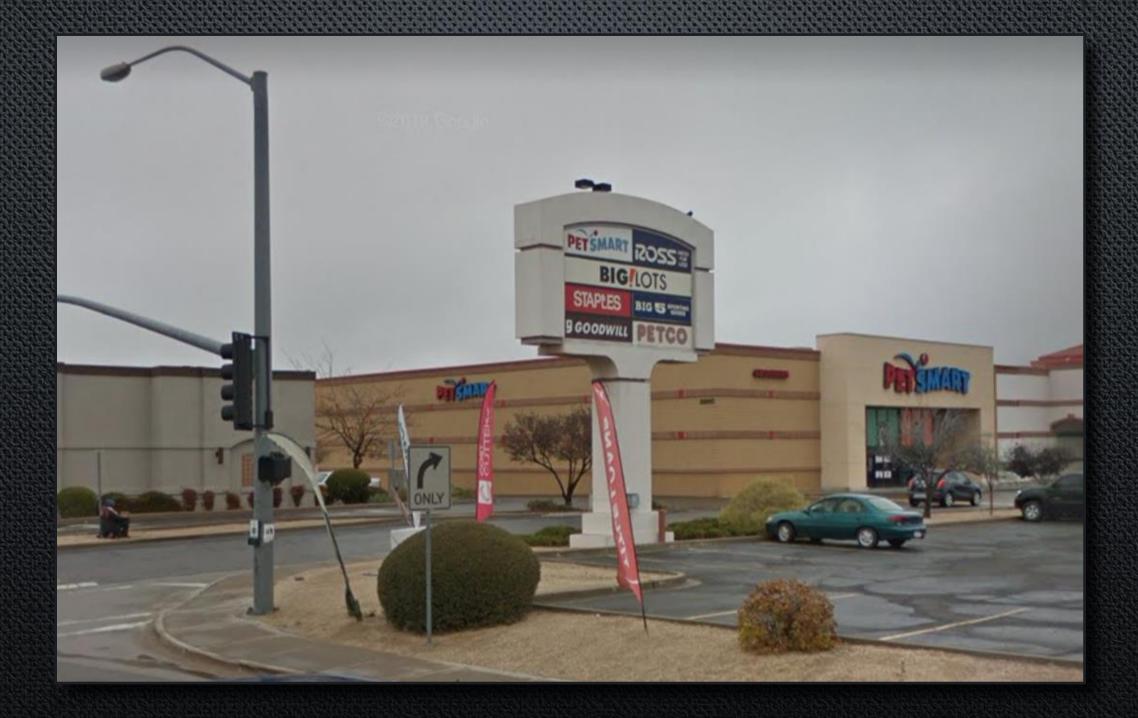










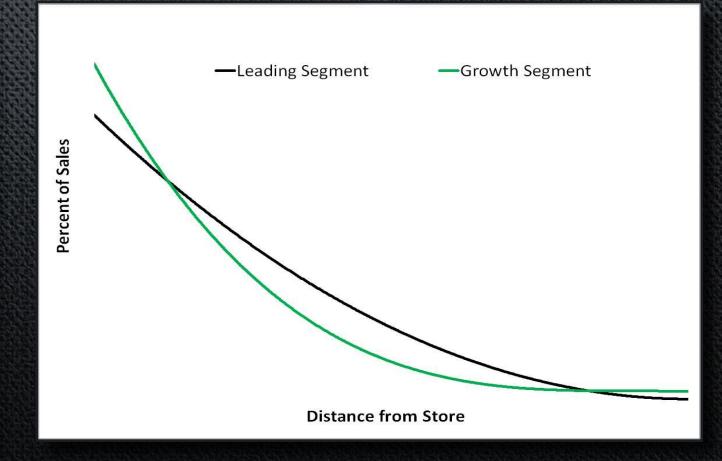








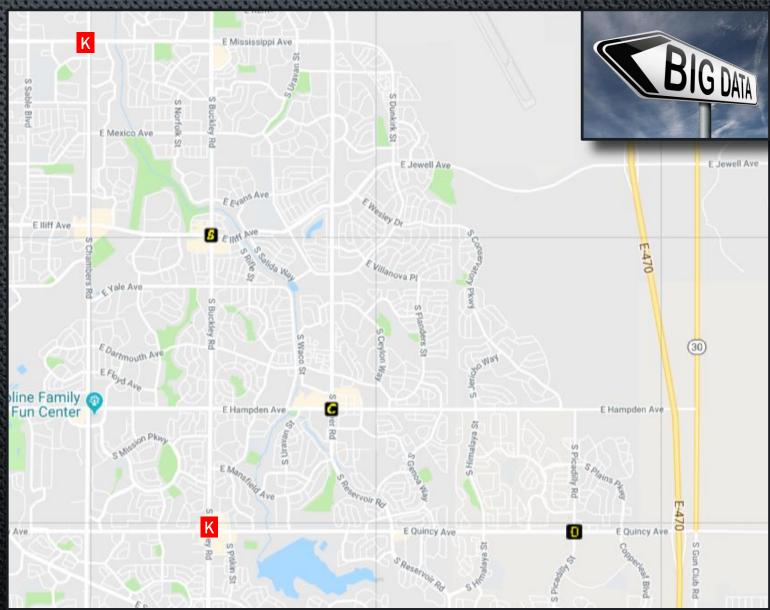












LOCATIONAL INTELLIGENCE

WHY IT MATTERS:

- LIKELY THE LARGEST CAPITAL INVESTMENTS INVOLVE REAL ESTATE
- Long term financial impacts
- Make it easy for customers to find you
- GROW MARKETS PROFITABILITY

WHAT CAN BE ACHIEVED:

- DEVELOP A MULTI-YEAR GROWTH MODEL
- Decision making for current fleet
- DEFINE PRO FORMA AND HURDLES FOR NEW AND FUTURE INVESTMENTS
- RESTRUCTURING TO IMPROVE POOR PERFORMING SITES.
- Test new site strategies
- Defuse spatial thinking throughout the business

END