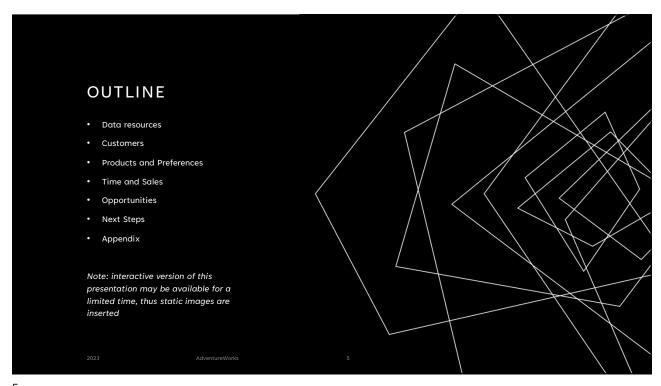
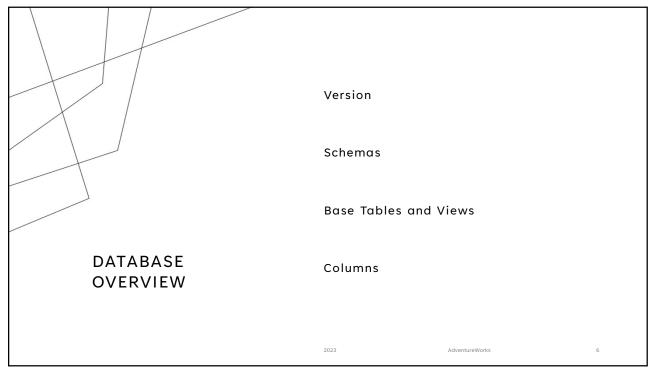


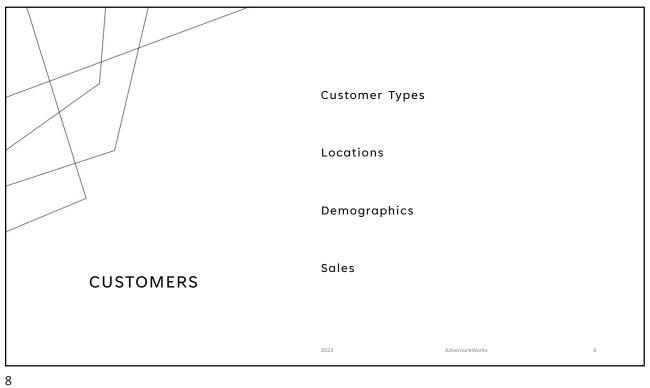
DATA GAP	Database numbers could inform our decisions	
CUSTOMERS	Getting to know our customers could help us meet their needs	
FINANCIALS	Sales have been less than our goals	
COSTS	Production could be informed by demand	
PROBLEM		
2023	AdventureWorks	3







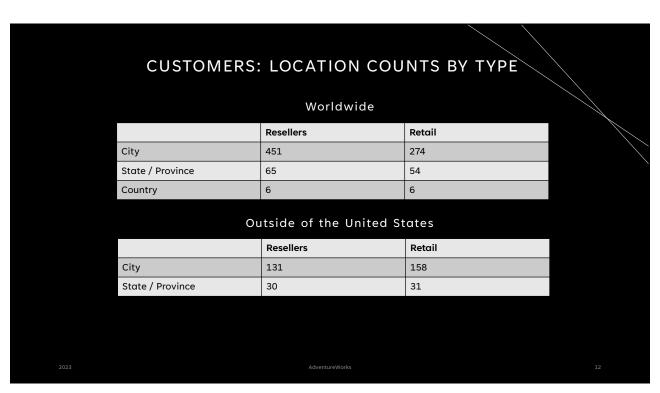
DATABASE O	VERVIEW: DATA	RESOURCES	
Database Version	VersionDate	Columns	
14.0.1000.169	2017-08-22	340	
Schema	Tables	Views	
dbo	3	0	
HumanResources	6	6	
Person	13	2	
Production	25	3	
Purchasing	5	2	
Sales	19	7	
Totals	71	20	
First Order	Last Order	Number of Orders	
2011-05-31	2014-06-30	31465	
	AdventureWorks		7

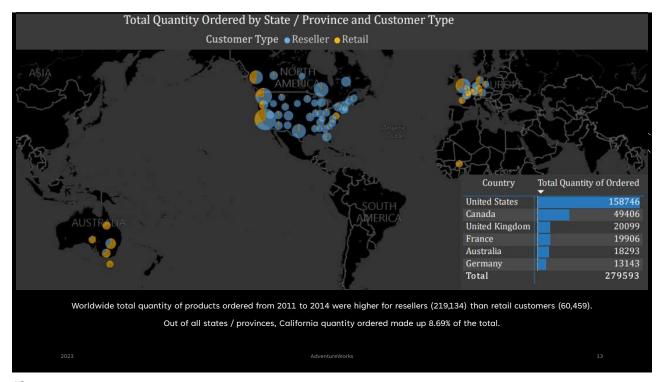


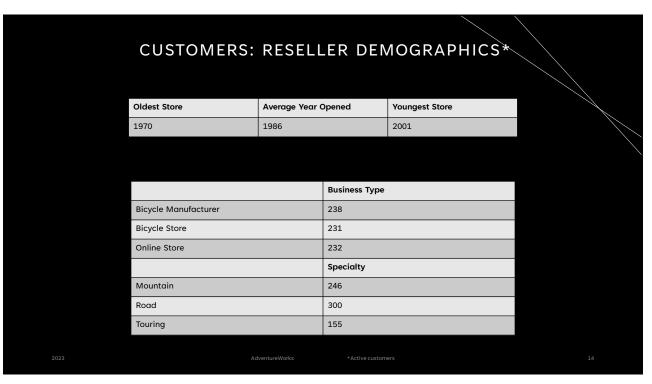


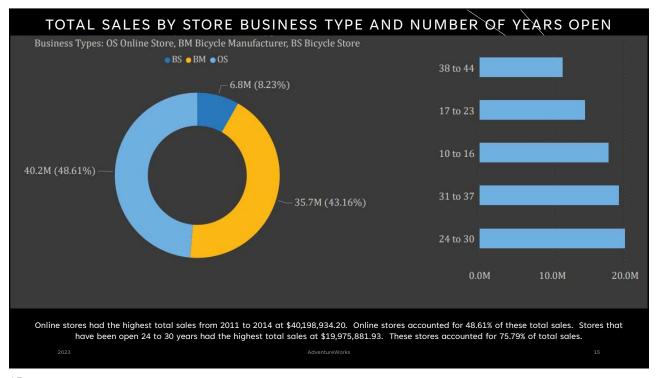




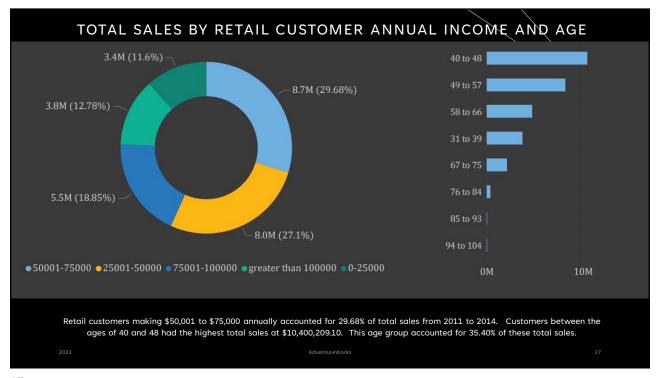


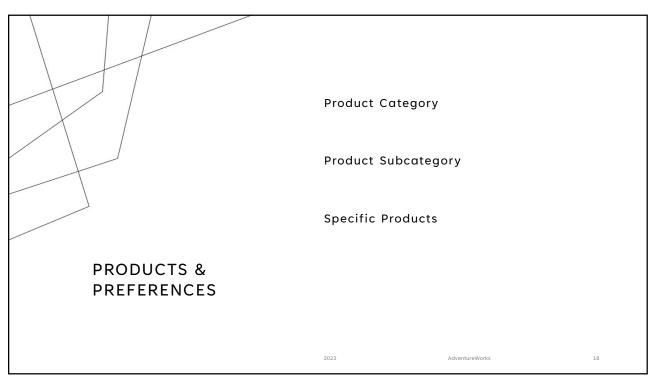






CUSTOMERS: RETAIL DEMOGRAPHICS*				
Oldest Customer	Average Age		Youngest Customer	
104	52		34	
Female	Male		Prefer Not to Answer	
9,133	9,351		1,488	
		Annual Income	<b>!</b>	
\$0 - \$25,000		2,922		
\$25,001 - \$50,000		5,704		
\$50,001 - \$75,000	\$50,001 - \$75,000		5,476	
\$75,001 - \$100,000		2,755		
Greater than \$100,000		1,627		
Prefer Not to Answer		1,488		
AdventureWorks	*Acti	ve Customers, Age calcul	ated from dataset end date 2014-06-30, later fron	n age at time of order 16

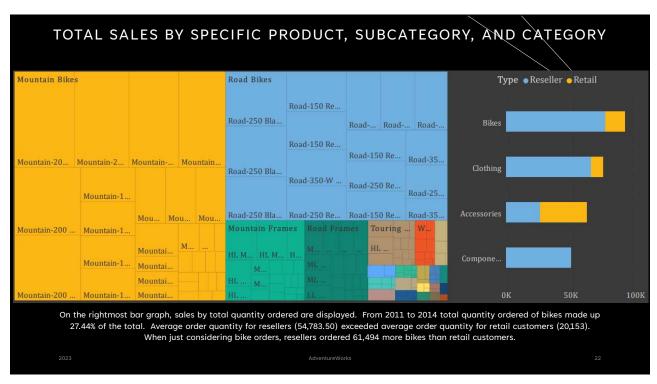


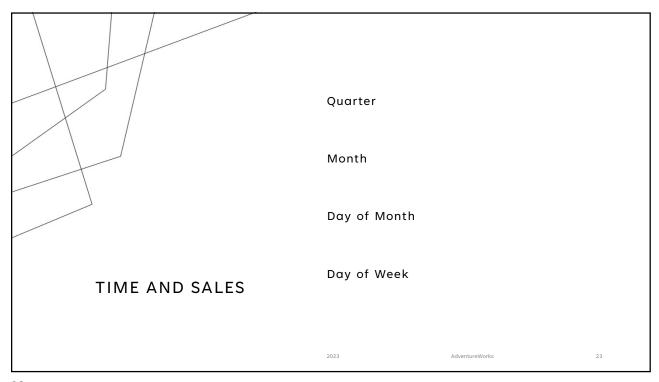


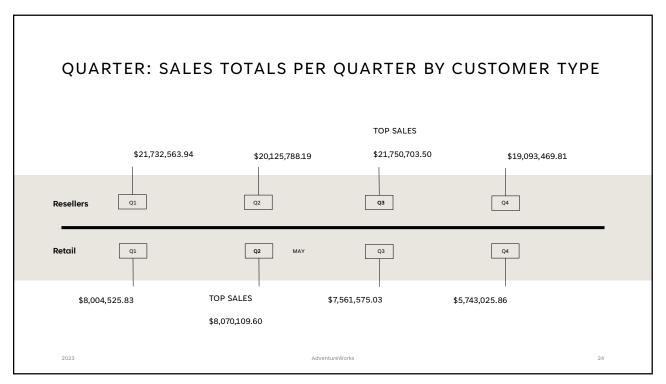
PRODUCT CATEGORIES: PREFERENCE BY CUSTOMER TYPE  Ranking of product categories by quantity sold and sales totals  2011-2014				
	Categories			
Rese	ellers	Ref	tail	
Bikes	25,281	Accessories	36,131	
Components	19,091	Bikes	15,218	
Clothing	12,554	Clothing	9,110	
Accessories	5,194	Components	0	
	Categorie	s by Sales		
Bikes	\$68,166,548.58	Bikes	\$2,8337,612.16	
Components	\$12,140,233.11	Accessories	\$701,454.64	
Clothing	\$1,816,538.69	Clothing	\$340,169.52	
Accessories	\$579,205.07	Components	\$0	
	Adventu	reWorks		19

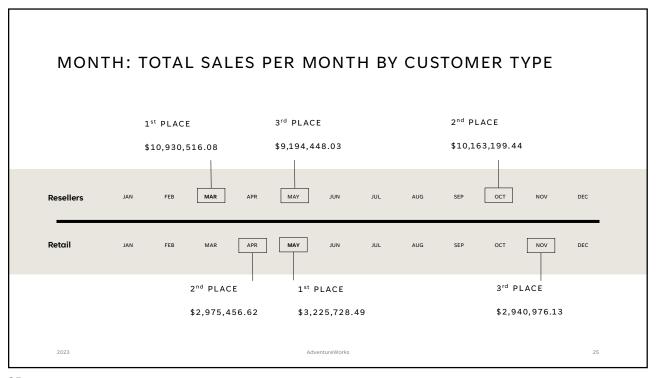
## PRODUCT SUBCATEGORY: PREFERENCE BY CUSTOMER TYRE Ranking of top 5 product subcategories by quantity sold and sales totals 2011 to 2014 Subcategories by Quantity Resellers Retail Road Bikes 13,173 Tires and Tubes 17,354 Mountain Bikes 7,645 Road Bikes 8,074 Road Frames 4,817 **Bottles and Cages** 7,985 Mountain Frames 4,611 6,449 Helmets Touring Bikes 4,463 Mountain Bikes 4,976 Subcategories by Sales Road Bikes \$30,167,505.35 Road Bikes \$14,525,593.92 Mountain Bikes \$27,547,553.01 Mountain Bikes \$9,964,833.11 Touring Bikes \$10,451,490.22 Touring Bikes \$3,847,185.12 Mountain Frames \$4,921,042.44 Tires and Tubes \$245,805.24 Road Frames \$3,942,334.47 Helmets \$225,650.51

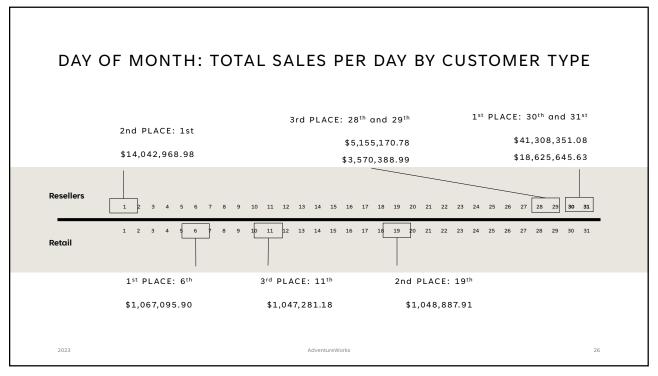
SPECIFIC PRODUCTS: PREFERENCE BY CUSTOMER TYPE  Ranking of top 5 products by quantity sold and sales totals  2011 to 2014				
	Products b	y Quantity		
Res	ellers	Retail		
AWC Logo Cap	1,216	Water Bottle - 30 oz.	4,246	
Long-Sleeve Logo Jersey, L	1,206	Patch Kit/8 Patches	3,198	
Sport-100 Helmet, Blue	985	Mountain Tire Tube	3,102	
Sport-100 Helmet, Black	943	Road Tire Tube	2,376	
Sport-100 Helmet, Red	874	Sport-100 Helmet, Red	2,233	
Products by Sales				
Mountain-200 Black, 38	\$3,158,740.93	Mountain-200 Black, 46	\$1,373,469.55	
Mountain-200 Black, 42	\$2,708,135.63	Mountain-200 Black, 42	\$1,367,486.18	
Mountain-200 Silver, 38	\$2,374,349.43	Mountain-200 Silver, 38	\$1,341,782.78	
Mountain-200 Silver, 42	\$2,215,595.57	Mountain-200 Silver, 46	\$1,301,100.10	
Mountain-200 Silver, 46	\$2,172,828.67	Mountain-200 Black, 38	\$1,294,866.14	
	Adventu	ireWorks		21

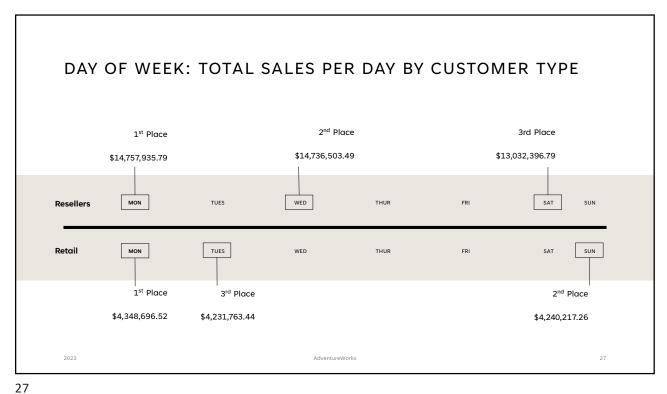


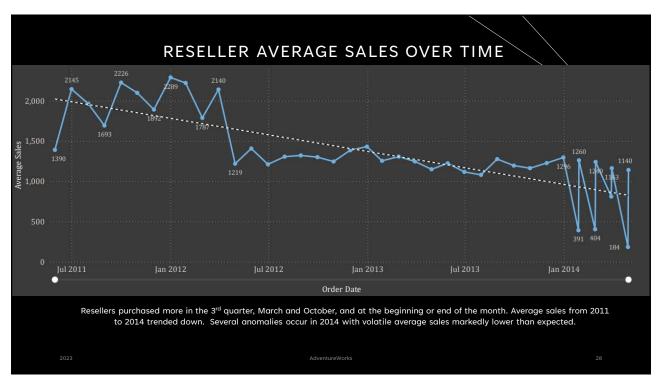


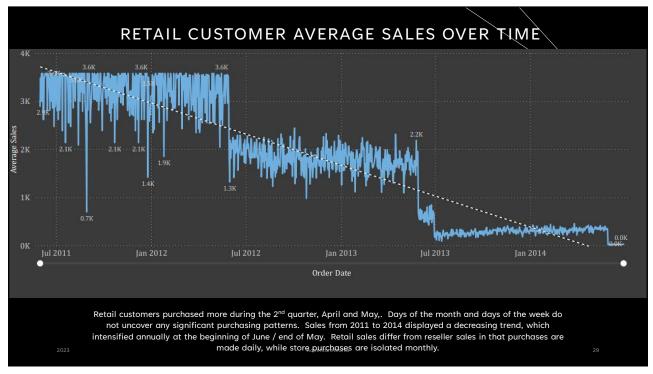


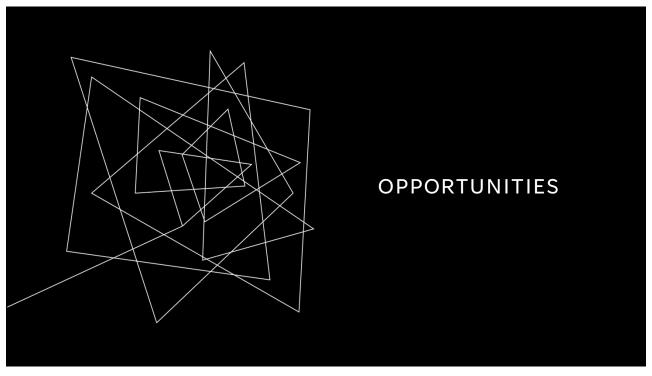








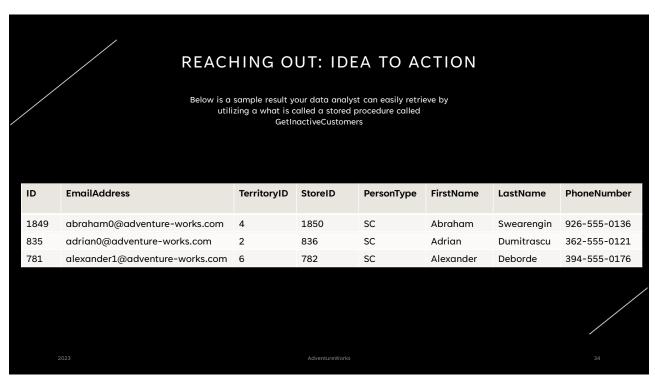




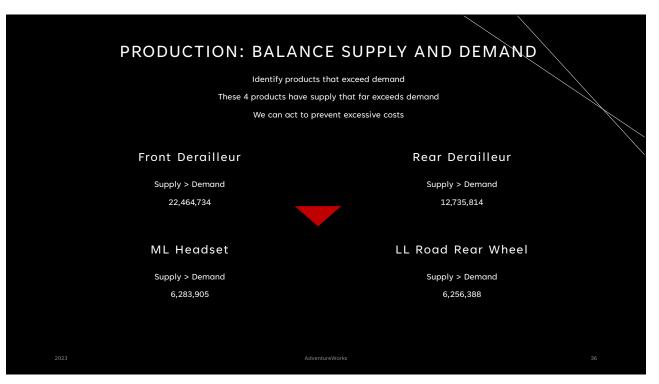












## ADDRESS WEAKNESSES: PROMOTIONS

Explore possible causes to 2014 decrease in sales. Explore promotion utilization to obtain import, and explore timing of start and end dates to obtain possible relationship to sales decrease

Promotions Utilization by Year and Adjusted Utilization					
Year	Reseller*	Adjusted			
2011	\$11,336.39	\$1,889.40			
2012	\$5,985,150.76	\$498,762.56			
2013	\$17,720,521.57	\$1,476,710.13			
2014	\$2,686,656.96	\$447,776.16			
Promotion Start and End Count by Year					
	Start Count	End Count			
2011	6	0			
2012	3	3			
2013	6	6			
2014	1	7			
*Retail customers did not utilize discounts					

Reseller utilization is significant. Adjusted utilization in 2014 suggests a possible relationship to decrease in sales.

In 2014, number of discounts ending exceeded number of discounts beginning. In all other years, number beginning was equal to or greater than the number ending.

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## ADDRESS WEAKNESSES: PRICE INCREASES

Investigate yearly May price increases to explore relationship to sales decreases

Total List Price Increase by Year			
Year	Total Increase		
2012	\$5,864.21		
2013	\$12,974.60		
Total List Price Increase by Year and Product Category			
	Bikes	Components	
2012	\$48,927.56	\$30,275.12	
2013	\$79,879.21	\$43,453.31	
*yearly adjustments for accessories and clothing were decreases			

Increased prices in 2013 may have initiated sales decreases, which become red in 2014. The increases were mostly in the bike product category.

As accessories and clothing list prices decreased every may, this largely affected resellers.

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