



Background

- To provide insights based on the dataset to the senior management group before their annual strategy meeting.
- Specifically, 2003 Q1 2005 Q2 YOY sales performance in different product line of all territory was examined to find the best potential product
- Findings of the analysis is used to aid the performance prediction in 2006.
- Based on the analysis above to find the best potential territory

DEFINITION





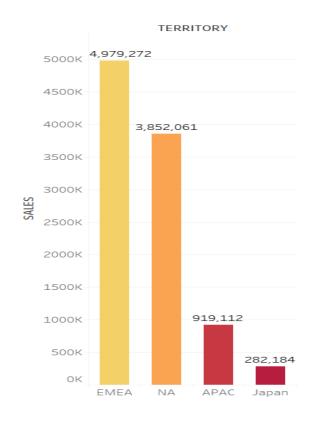
TERRITORY ANALYSIS

- Product analysis
- Sales vs Discount
- Best potential product

Sales Map Infographic

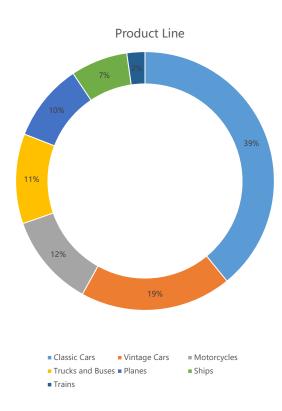
2003 Q1 - 2005 Q2 YOY sales performance in different product line of all territory was examined to find the best potential product

| EMEA Madrid 10.79% | | | EMEA Paris 2.68% | | EMEA Nantes 2.04% | | NA San Rafael 6.53% | | NA New Bedford 2.07% | NA | San Jose | | NA Boston 1.54% | | |
|----------------------------|-------------------------|----------------|--------------------------------|----------------------|-------------------------|----|---------------------------|-------------------|----------------------------|--------------------|----------------------|-----------------------|-----------------------|--------------|-----------|
| | | | | | | | | | | | NA | NA Cambridge | NA Nasł 1.31 | | NA |
| EMEA Salzburg 1.49% | EMEA Reims 1.35% | Boras 1.349 | Lo | MEA ondon .24% | EMEA | Ge | 1EA :nsve 17% | EMEA | NA NYC 5.59% | | NA Burlingame | NA White Plains | NA | NA Las | NA New |
| EMEA Kobenhavn 1.45% | EMEA Espoo | | EMEA Aaarhus | | | | | | | | NA Pasadena NA | .85% NA | NA Mor | A ontreal | NA Los |
| EMEA Lyon 1.42% | EMEA Bergen 1.11% | | EMEA Koln EMEA Torino | | | | | NA B | | Bridgewater NA | NA | NA | | NA | |
| EMEA Reggio Emilia | | | | | EMEA | | EMEA | А | 2.24% APAC | APAC | | APAC | NA J | Japan | Japan |
| 1.42% EMEA | Helsinki 1.11% | | EMEA Frankfurt | | | | EMEA | Α | Singapore 2.88% | Melbourne 2.00% | | | | | |
| Bergamo 1.38% | EMEA | | EMEA | | EMEA | 1 | | APAC North Syd | iney | | | Japan | | | |



TERRITORY-EMEA

Overview

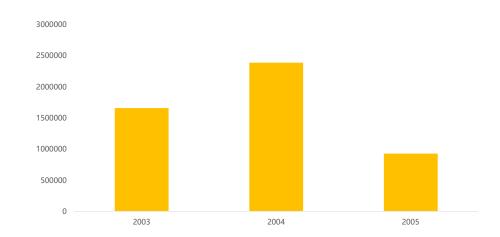








- The EMEA territory total sale for 2004 was 44% higher than 2003. And the 2004 quantity number is 43% higher than 2003.
- Main Client : Euro shopping channel
- Main City: Madrid



TERRITORY-EMEA

Product Analysis

| | Product | Sales Growth/Decrease | Order Growth/Decrease |
|---|------------------|-----------------------|-----------------------|
| 0 | Classic Cars | 0.462786 | 0.527852 |
| 1 | Motorcycles | 0.480765 | 0.561693 |
| 2 | Planes | 0.504655 | 0.482473 |
| 3 | Ships | 0.084464 | 0.089431 |
| 4 | Trains | 2.079846 | 1.544271 |
| 5 | Trucks and Buses | -0.200922 | -0.320655 |
| 6 | Vintage Cars | 0.926880 | 0.785646 |

EMEA territory 2003- 2004 Product sales data

Product line:

- Trucks and Buses: sale for 2004 was 20% lower than 2003. And the 2004 quantity number is 32% lower than 2003.
- Trains: sale for 2004 was 207% higher than 2003. And the 2004 quantity number is 154% higher than 2003.
- Overall, all product lines have grown, except for Trucks and Buses.
 The sales of Trucks and Buses decreased 20%, it is necessary to
 pay attention to marketing strategies in the next year, such as
 discount to enhance market competitiveness.



2,261

1,536

2004 2003

2,144

1.569

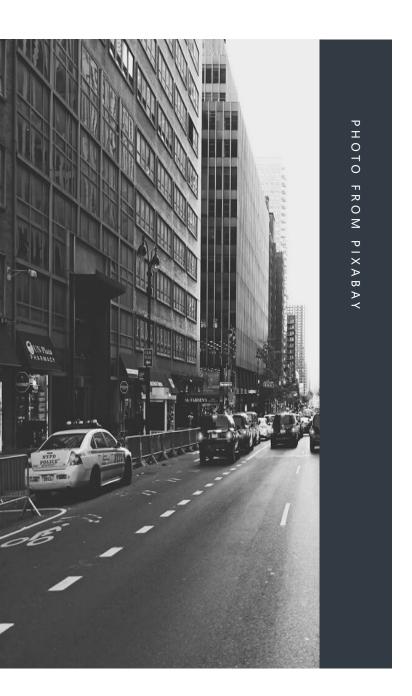
1.968

3,066

2004 2003 2004 2003

SALES

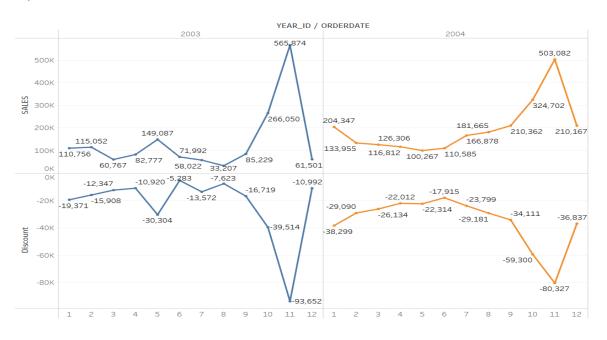
QUANTITYORDERED



TERRITORY-EMEA

Sales vs Discount

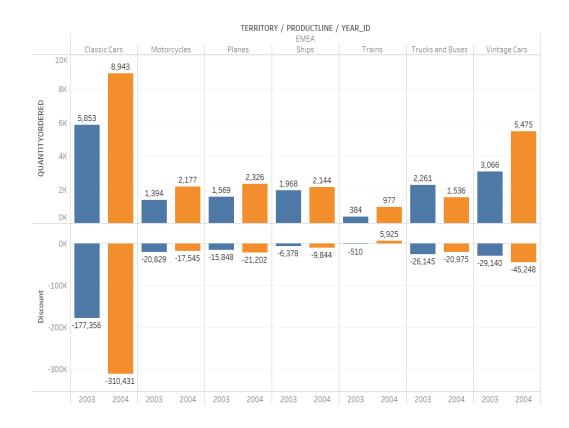
Look at the trend of Sales vs Discount in EMMA territory from 2003 to 2004. It is clearly that sales are highly positive related with discount. Sales peaks in 2003 May and November and sales peak in 2004 November are the best proof.



TERRITORY-EMMA

Sale vs Discount

- Meanwhile, products 'order number also positive relative with discount but not as obvious as NA territory.
- Both Classic Cars and Ships' discount growth greater than sales growth. Classic Cars increase 75% discount, but order number only increase for 52%. Ships increase 54% discount, but order number only increase for 8%.
- Both Planes and Vintage' growth rate greater than discount rate. Compared with Planes which discount has increased 30%, orders have increased 48%, Vintage Cars have relatively large growth potential. As discount increases for 55%, it's order number can increase to 78%.
- It is clear that in EMEA territory Vintage Cars have the best potential growth space.



SUMMARY

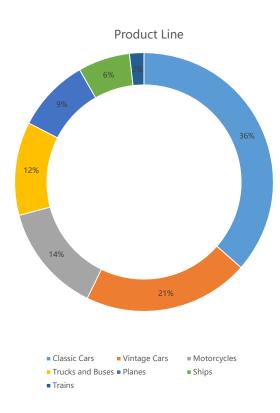
- The EMEA territory total sale for 2004 was 44% higher than 2003. And the 2004 quantity number is 43% higher than 2003. All product lines have grown, except for Trucks and Buses. The sales of Trucks and Buses decreased 20%, it is necessary to pay attention to marketing strategies in the next year, such as discount to enhance market competitiveness.
- Discount is the key variable for maximum revenue.
- In EMMA territory Vintage Cars have the best potential growth space.







Overview

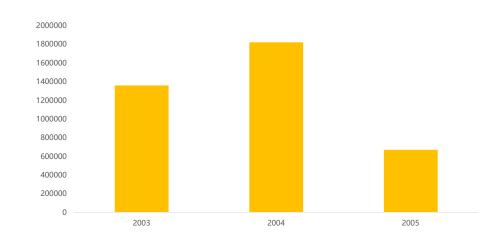








- The NA territory total sale for 2004 was 34% higher than 2003. And the 2004 quantity number is 39% higher than 2003.
- Main Client : Mini Gifts distributors Ltd
- Main City: San Rafael



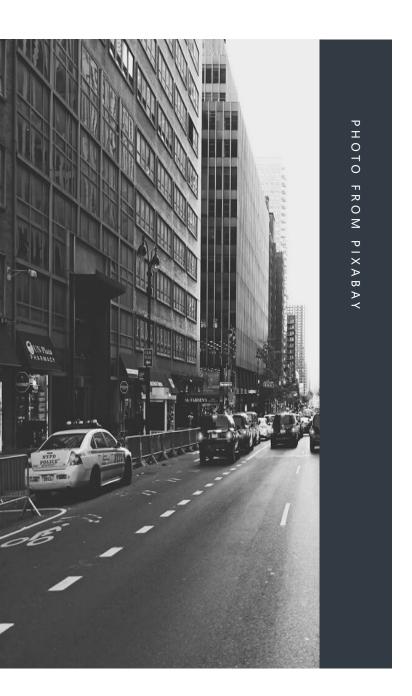
Product Analysis

NA territory 2003- 2004 Product sales data

Product line:

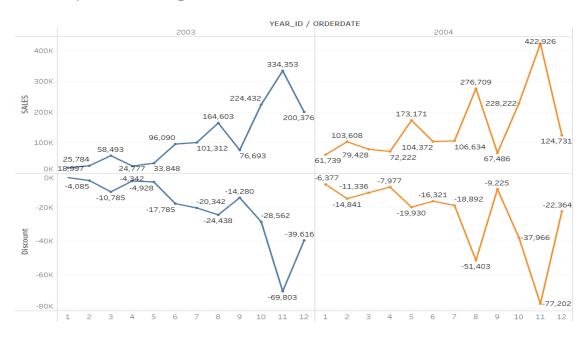
- Classic Cars: sale for 2004 was 1% lower than 2003. And the 2004 quantity number is 5.6% higher than 2003.
- Trains: sale for 2004 was 10% lower than 2003. And the 2004 quantity number is 17% lower than 2003.
- Overall, all product lines have grown, except for classic cars and trains.
 Although the sales of classic car have dropped, it has only dropped by 1%, sales have increased by 6%. So that it is feasible to reduce the unit price in exchange for more sales and thus increase market share. The sales of train decreased more, it has 10%. For train, it is necessary to pay attention to marketing strategies in the next year, such as discount to enhance market competitiveness.





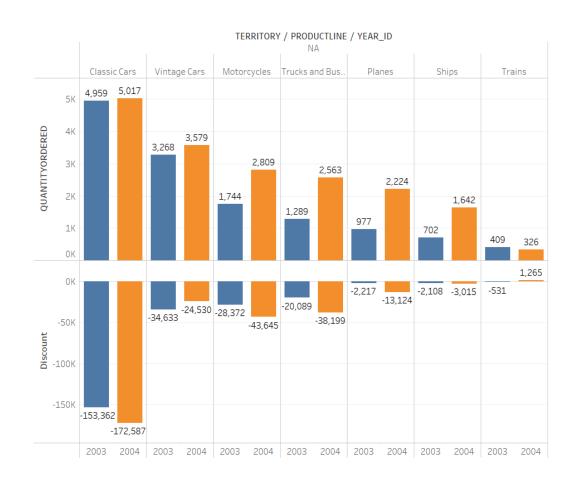
Sales vs Discount

Look at the trend of Sales vs Discount in NA territory from 2003 to 2004. It is clearly that sales are highly positive related with discount: Two sales peaks (November and August) in 2003 and 2004 indicated that high sales always accompanied with high discounts.



Sale vs Discount

- Meanwhile, all products 'order number also positive relative with discount.
- Classic Cars increase 10% discount, but order number only increase for 1%. Motorcycles increase 54% discount, but order number only increase for 61%.
- Overall, indicates that higher order number, the less room for improvement. Order number increasement of main products is limited and has tend to be stable accompanied with increased discount. While, ships have relatively large growth potential. As discount increases for 49%, it's order number can increase to 134%.
- It is clear that in NA territory ship has the best potential growth space.



SUMMARY

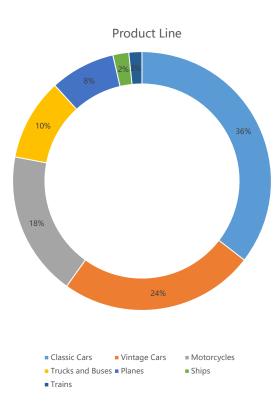
- The NA territory total sale for 2004 was 34% higher than 2003. And the 2004 quantity number is 39% higher than 2003.
- all product lines have grown, except for classic cars and trains. For classic cars it is feasible to reduce the unit price in exchange for more sales and thus increase market share. For train, it is necessary to pay attention to marketing strategies in the next year.
- Discount is the key variable for maximum revenue.
- In NA territory Ships has best growth potential.







Overview

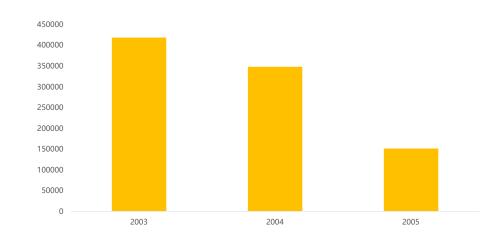








- The APAC territory total sale for 2004 was 16% lower than 2003. And the 2004 quantity number is 14% lower than 2003.
- Main Client : Australian collector co
- Main City: Singapore



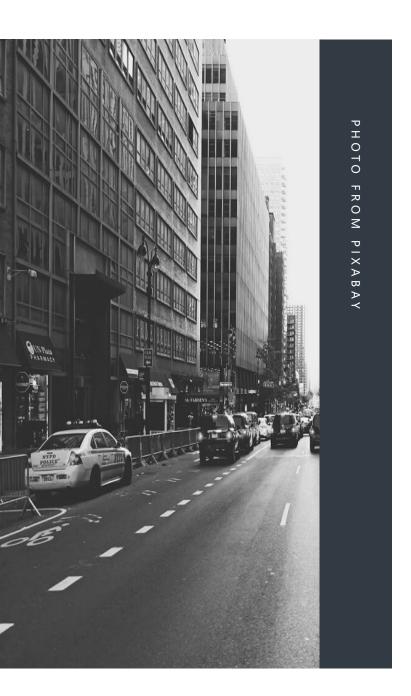
Product Analysis

| | Product | Sales Growth/Decrease | Order Growth/Decrease |
|---|------------------|-----------------------|-----------------------|
| 0 | Classic Cars | -19.813521 | -7.086614 |
| 1 | Motorcycles | -21.790181 | -24.825986 |
| 2 | Planes | 85.371786 | 81.702128 |
| 3 | Ships | -92.304345 | -86.206897 |
| 4 | Trains | -100.000000 | -100.000000 |
| 5 | Trucks and Buses | 44.515551 | 58.300395 |
| 6 | Vintage Cars | -42.234523 | -41.119860 |

APAC territory 2003- 2004 Product sales data

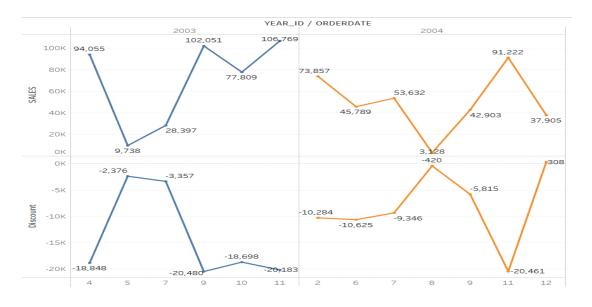
• Overall, all product lines decrease, except for Planes and Trucks and Buses. Among them, what needs to be taken seriously is that the sales of the train in 2004 is 0, and the sales of the ship and Vintage car also fall sharply. It is necessary to pay attention to marketing strategies in the next year, such as discount to enhance market competitiveness.





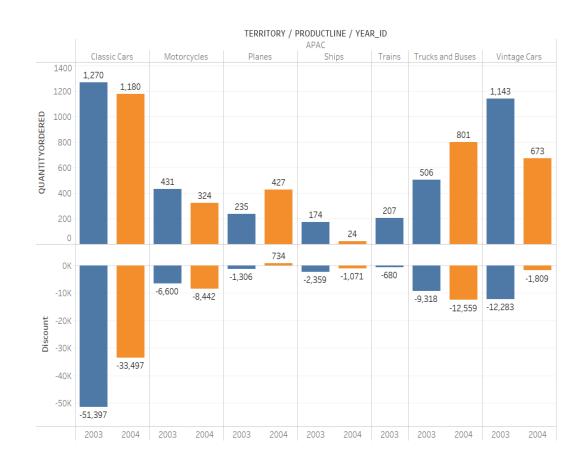
Sales vs Discount

Look at the trend of Sales vs Discount in APAC territory from 2003 to 2004. The trend between discount and sales become very sharp, so it is clearly that discount is extremely important in this area. The sales peak corresponds to discount valley in 2003 April, September and November and in 2004 February, July and November. The discount valley corresponds to the sales valley in 2003 May and July and in 2004 August and December.



Sale vs Discount

- Meanwhile, products' order number also strong relative with discount. Both Classic Cars and Vintage Cars' orders are decreased by the impact of discount reduction 7%- 40%. But Classic cars' impact is relatively small. Discount decrease for 34% only lead its order decrease for 7% which means this product' s order number is relatively stable, less growth space.
- Vintage Cars and trucks and buses receive large impact. For Vintage cars, discount decrease 85% leads orders decrease 40%. For trucks and buses, discount increase 34% leads 58% orders' increase.
- Planes' large increasement speed cannot be ignored, which is 81% higher than 2003 and 156% less discount than 2003.
- It is clear that in APAC territory Planes, Trucks and Buses have large growth potential.



SUMMARY

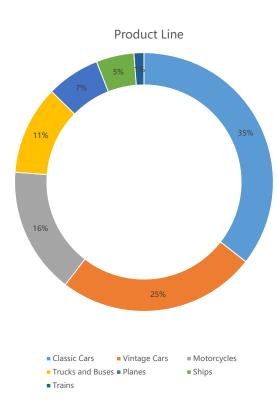
- The APAC territory total sale for 2004 was 16% lower than 2003. And the 2004 quantity number is 14% lower than 2003. All product lines decrease, among them what needs to be taken seriously is that the sales of the train in 2004 is 0, and the sales of the ship and Vintage car also fall sharply.
- Discount is the key variable for maximum revenue.
- In APAC territory Planes, Trucks and Buses have large growth potential







Overview

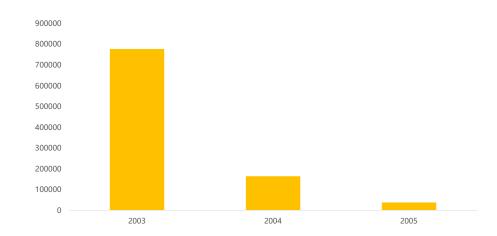








- The Japan territory total sale for 2004 was 112% higher than 2003. And the 2004 quantity number is 107% higher than 2003.
- Main Client : Tokyo collectables Ltd
- Main City: Minato-Ku



Product Analysis

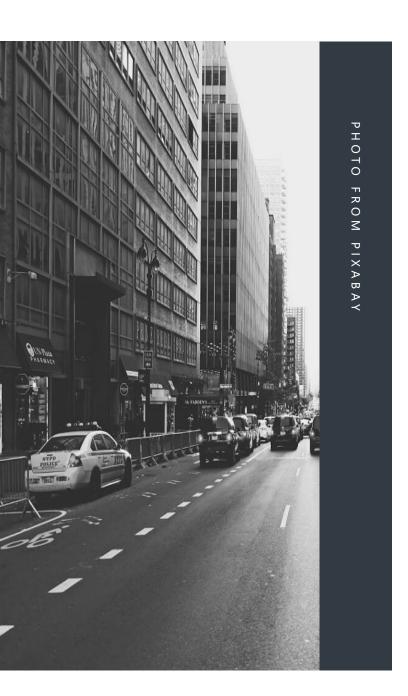
Japan territory 2003- 2004 Product sales data

Product line:

- Classic Cars: sale for 2004 was 8% lower than 2003. And the 2004 quantity number is 28% lower than 2003.
- Planes: sale for 2004 was 135% higher than 2003. And the 2004 quantity number is 154% higher than 2003.
- Motorcycles: sale for 2004 was 152% higher than 2003. And the 2004 quantity number is 123% higher than 2003.
- Vintage cars: for 2004 was 1000% higher than 2003. And the 2004 quantity number is 714% higher than 2003.
- Overall, all product lines have grown, except for classic cars. Although the sales of classic car have dropped, the drop percent is small, just 8%. Which means this product is relatively stable in Japan market. Another products planes, motorcycles and Vintage cars have 1x increasement, show large market potential. Trucks and Ships are lack of past year data, but compare with other territory, it has good sales performance.

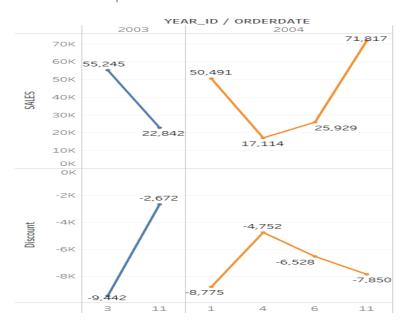


YEAR ID



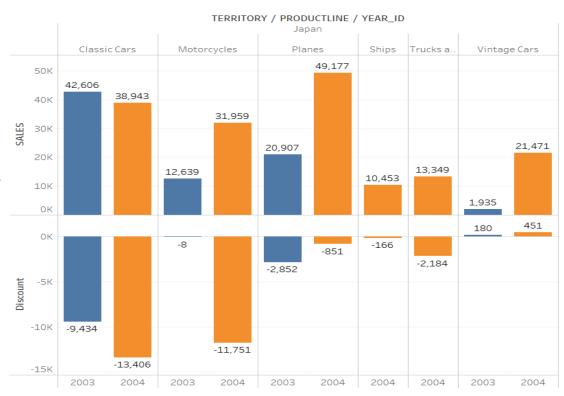
Sales vs Discount

Look at the trend of Sales vs Discount in Japan territory from 2003 to 2004. It is clearly that sales are highly positive related with discount. The sales peak corresponds to discount valley in 2003 March and in 2004 January and November. The discount valley corresponds to the sales valley in 2003 November and in 2004 April.



Sale vs Discount

- Meanwhile, all products 'order number also relative with discount.
- Classic Cars increase 42% discount, but orders decrease for 8%. Which indicates that less room for improvement.
- While, Planes have relatively large growth potential. As discount decrease for 70%, it's order number can still increase to 135%. Vintage cars' order increase for 1000%, but discount decrease for 150%, show large market potential
- It is clear that in Japan territory Planes and Vintage cars have the best growing potential



SUMMARY

- The Japan territory total sale for 2004 was 112% higher than 2003. And the 2004 quantity number is 107% higher than 2003. All product lines have grown, except for classic cars. But the drop percent is small, just 8%. Which means this product is relatively stable in Japan market.
- Planes, motorcycles and Vintage cars have 1x increasement, show large market potential.
- Discount is the key variable for maximum revenue.
- In Japan territory Planes and Vintage cars have the best growing potential









SALES PREDICTION

2005 Q3 -2006 Q4

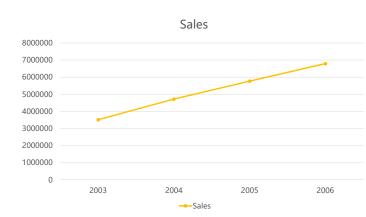
SALES PREDICTION



METHOD AND TOOL

- Cconfidential Interval (95%)
- Tableau Analysis (forecast)







IMPORTANT FEATURE FOR SALES **PREDICTION**

- Discount (PRICEEACH-MSRP)
- Order Date
- Country, cityProduct line, Product code

| Year | ATTR | SALES |
|------|----------|--------------|
| 2003 | Actual | 3,516,979.54 |
| 2004 | Actual | 4,724,162.60 |
| 2005 | Estimate | 5,243,241.11 |
| 2006 | Estimate | 6,197,075.23 |



POTENTIAL TERRITORY

Japan

POTENTIAL TERRITORY-JAPAN

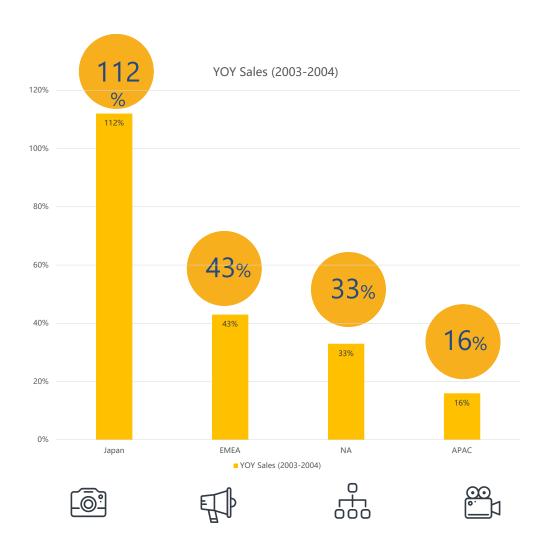
Based on 2003-2004 data

- Japan has the highest sales growth rate, 112%.
- Compare with other territory, Only Japan has 3 product increasing rate more than 1x.
- One explanation for lack Ships and Trucks' 2003 year' s sales data is that these two products maybe just enter the Japanese market, but, it has a good sales performance.









Summary

Potential product for each territory

