1) Please upload the data in a new sheet and perform necessary steps. Answer the below questions in each page and choose your visuals

2) General Intro about data. (Choose any visuals to represent your overall data)

3) When was the first and last store opened?

4) Study about your expenses. What are the components for expenses? Which component is the major contribution for expenses? Also find your percentage of each component out of total expenses.

5) Analysis Total sales for Asia. Demonstrate Total sales, Previous year total sales and Year on Year % of Total sales for Asia.

6) Find out your expenses for Audio and cellphone and Rank it according to city.

7) Database files Click here.

Sales Analysis
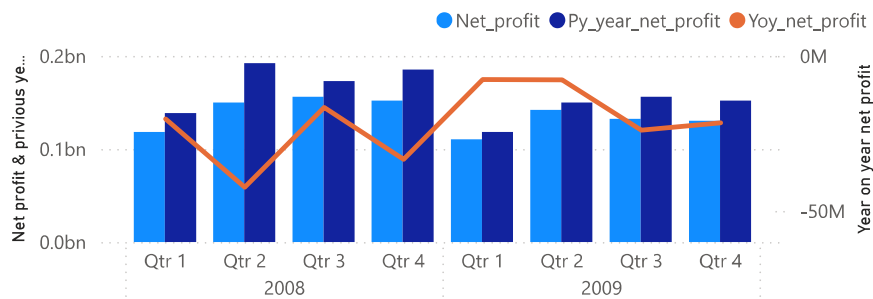## 2008 - 2009

3bn Total_sales

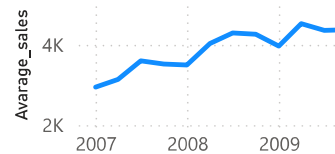**2bn** Net_profit

1bn Total_cost

860K Order count

Net profit, Py_net_profit and Yoy_net_profit by year, quartor

● Net_profit ● Py_year_net_profit ● Yoy_net_profit

Avarage_sales by Year and Quarter

ChannelName ▽

| Catalog | Online | Reseller | Store |

Year ▽

| 2008 | 2009 |

ContinentName ▽

All ▽

Net_profit and Py_year_net_profit by Year, Quarter and Month

● Net_profit ● Py_year_net_profit

Total sales as per Product Brand

100%

Contoso	725M
Fabrikam	616M
Adventure Works	393M
Proseware	390M
Wide World Impo...	284M
Litware	257M
A. Datum	152M
The Phone Comp...	147M
Southridge Video	146M
Northwind Traders	105M
Tailspin Toys	34M

4.7%
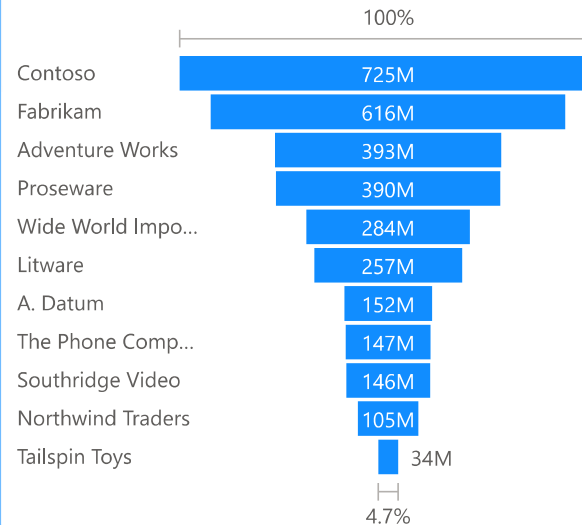
Top 5 Product Cat By Total Sales

Net profit by Continent

Europe 19.32%

North Am...
59.28%

Asia 21.4%
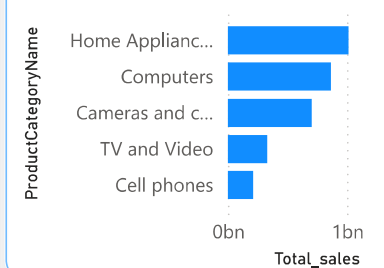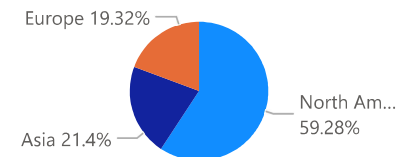
Store Analysis

299
Store_count

11K
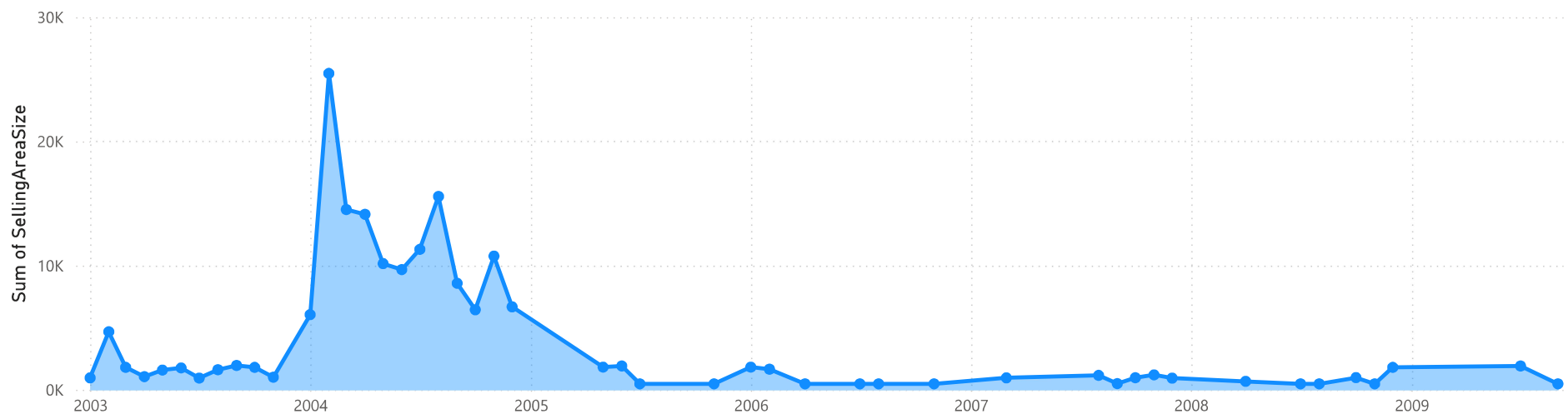total_employee

35.23
Avg_employee

29-01-2003
Opening_date_of_First_store

02-09-2009
Opening_date_of_Last_store

Sum of SellingAreaSize by Year, Quarter and Month

Expense Analysis

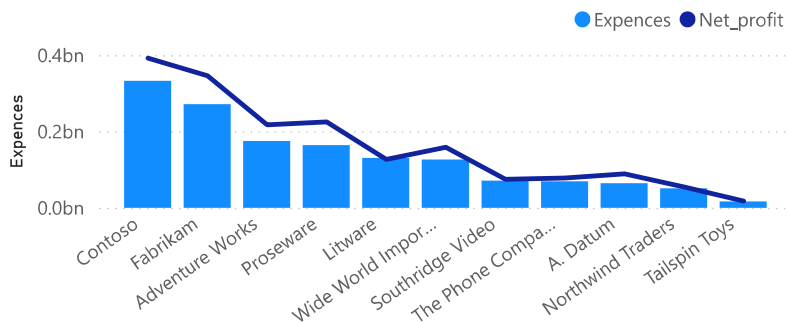**1bn**
Expences

629
Product_count

53M
Discount_amount

41M
Return_amount

Expences by Year and Month
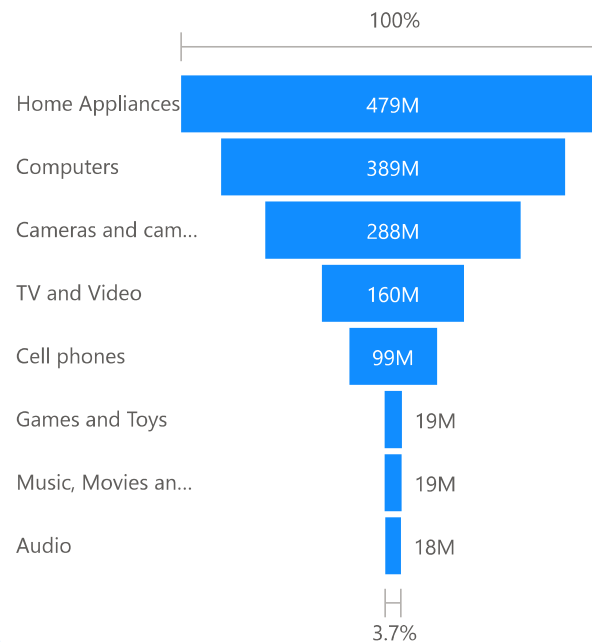

Expences and Net_profit by Brand

- Expences
- Net_profit

ContinentName

| Asia | Europe | North A... |

Year

| 2008 | 2009 |

Expences by Components

100%

Home Appliances	479M
Computers	389M
Cameras and cam...	288M
TV and Video	160M
Cell phones	99M
Games and Toys	19M
Music, Movies an...	19M
Audio	18M

3.7%

Return amount Expences and Discount_amount

Discount_amount 3.42%

Return_amount 2.63%

Expences 93.95%
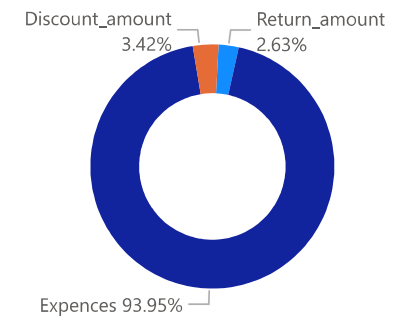
Asia Sales Dashboard
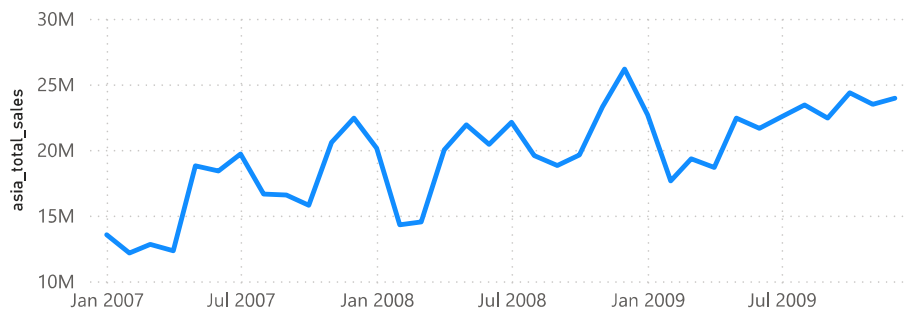
703M
asia_total_sales

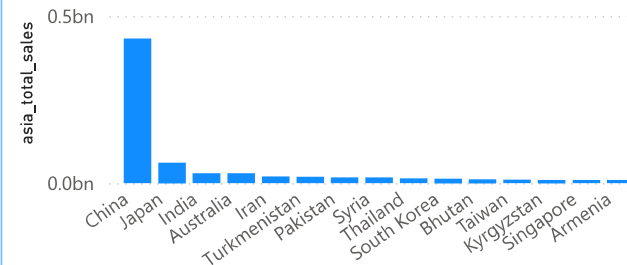**672M**
asia_net_profit

173K
asia_order_count

Total sales by Year, Quarter and Month

Total sales by Country Name
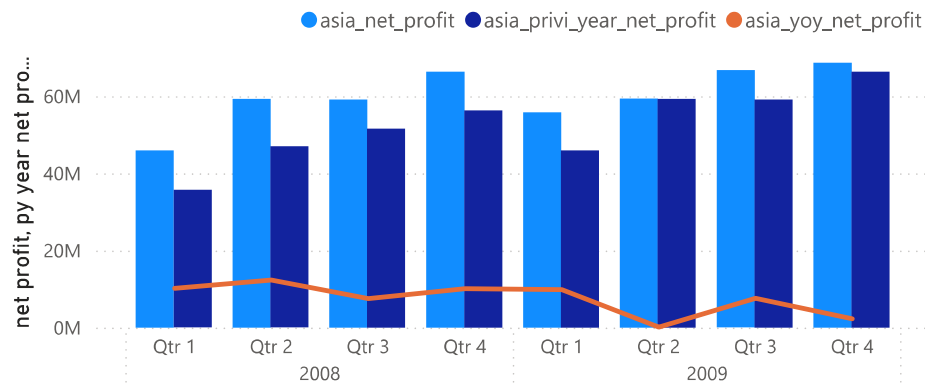

ChannelName

| Catalog | Reseller |
| Online | Store |

Year

| 2008 | 2009 |

net profit, privi year net profit and yoy net profit by Year and Quarter

● asia_net_profit ● asia_privi_year_net_profit ● asia_yoy_net_profit

Total sales by Product Class

Economy 15.72%

Deluxe 30.91%

Regular 53.37%
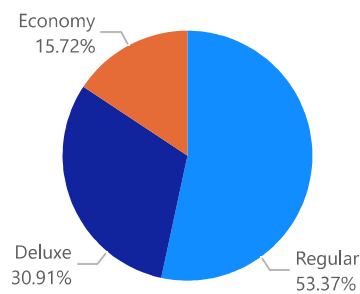
Total sales by Top 5 Product

Proseware Projector 1...
Proseware Projector 1...
Proseware Projector 1...
NT Washer & Dryer 2...
Fabrikam Independen...

asia_total_sales
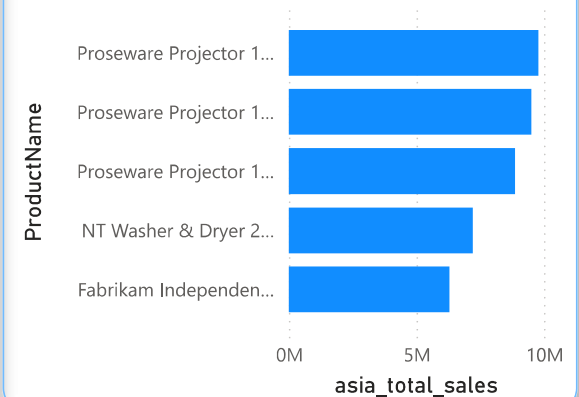
Expenses for Audio and cellphone and Ranks according to city.

CityName	Expences	Audio_and_cellPhone_exp	Raank_expence
Albany	2635356	213923	157
Alexandria	2615706	213764	159
Amsterdam	2499449	201201	200
Anchorage	2758098	230741	84
Annapolis	2723431	214425	155
Appleton	2760168	228481	93
Arlington	2742861	192445	223
Ashgabat	8625355	707015	13
Athens	2659231	218464	135
Atlantic City	2639094	249792	56
Attleboro	2544515	210328	172
Aurora	2723921	207349	183
Austin	2703075	238937	69
Back River	2615166	219204	130
Bacliff	2658984	222534	114
Baildon	2568982	234352	79
Baltimore	2773894	203461	192
Total	**1471206621**	**116415870**	**1**

CityName ✕

Beijing
13821296

North Harford
9482730

Bethesda
8639694

Audio_and_cellPhone_exp
116415870

Berlin
7448767

Seattle
5995678

Paris
4944290