ETL Process

With Tableau

Dataset

On PostreSQL

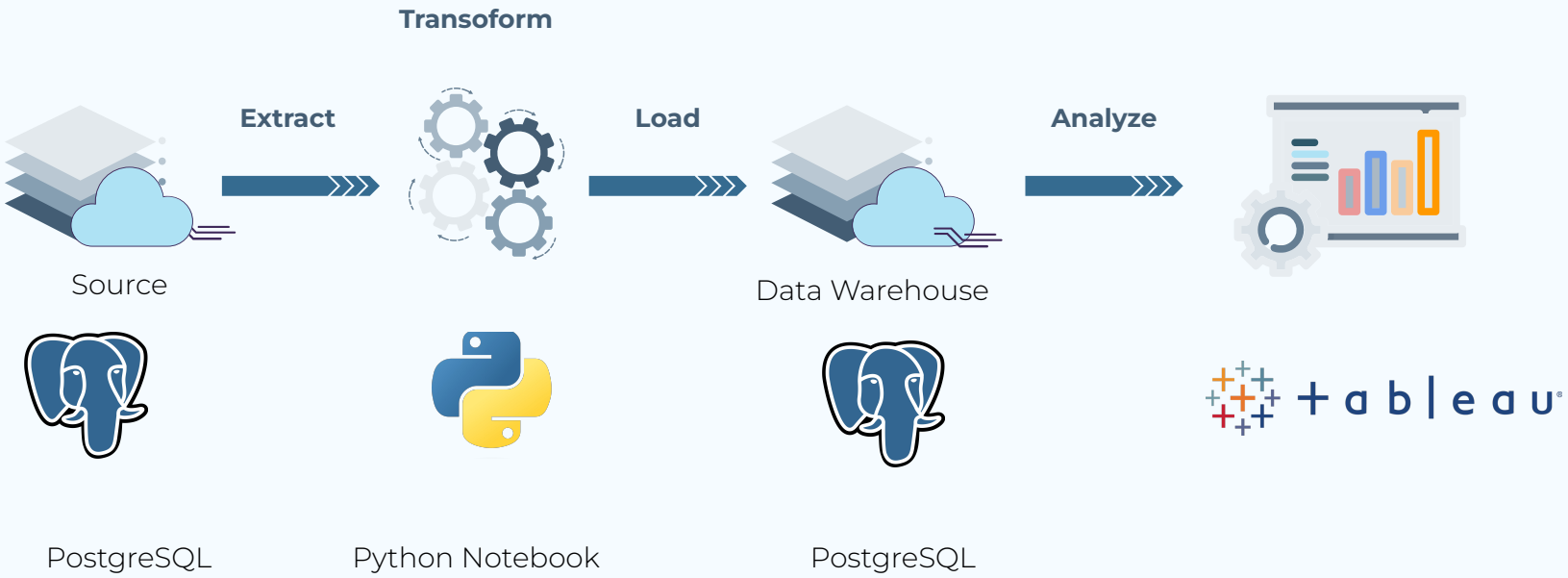
Table Orders
51.290 Rows - 24 Fields

Table Returns
1.174 Rows - 3 Fields

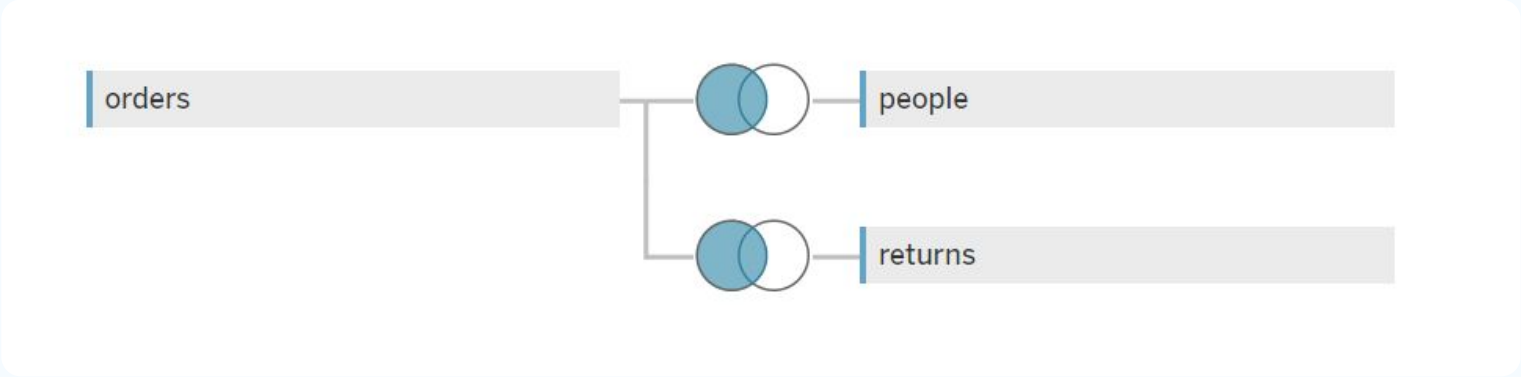
Table People
14 Rows - 2 Fields

Superstore Dataset
The superstore dataset is a collection of data that stores information about product sales at a fictional company

ETL PROCESS

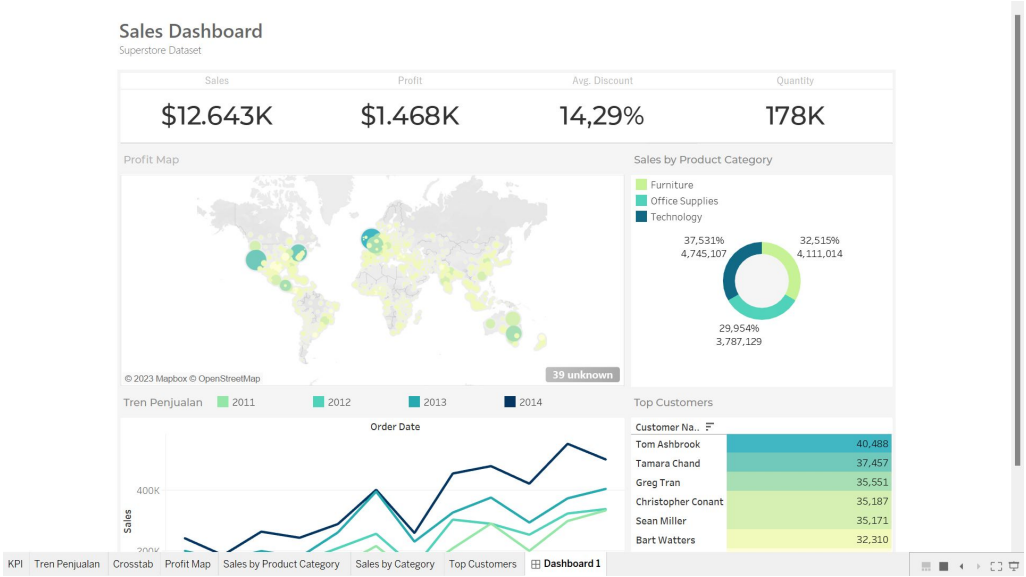

Transoform
Extract
Load
Analyze
Source
Data Warehouse
PostgreSQL
Python Notebook
PostgreSQL
tableau

Tableau



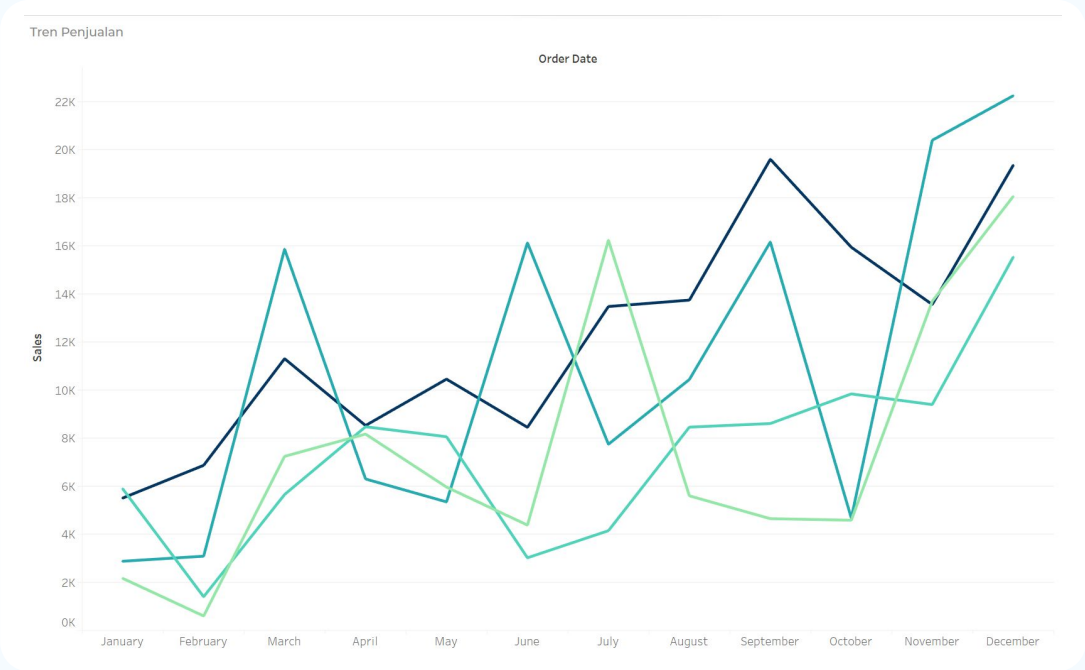
Left Join Data

Tableau Dashboard



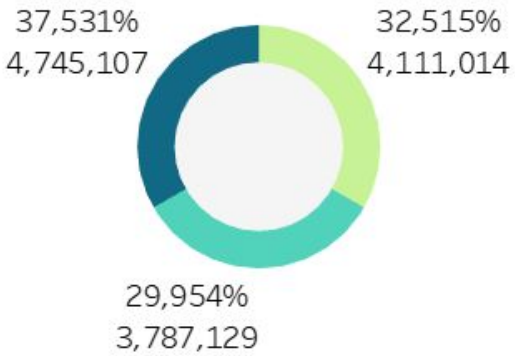
In general, sales have been good. However, in several sector areas and categories there are problematic sales

Sales Trend



Sales at the beginning of the year are always low, while inthe end of the year sales will increase

Sales by Product Category



Sales by Product Category evenly distributed

Worst Product Category

		Order Date							
		2011		2012		2013		2014	
Month of O..	Category	% Differ..	Sales	% Differ..	Sales	% Differ..	Sales	% Differ..	Sales
January	Furniture		34,464	23,31%	42,499	92,49%	81,805	-14,68%	69,799
	Office Supplies		33,527	40,40%	47,071	38,05%	64,984	17,96%	76,654
	Technology		30,908	49,51%	46,211	13,39%	52,398	80,95%	94,815
February	Furniture		30,641	23,68%	37,898	55,99%	59,118	-2,39%	57,703
	Office Supplies		22,277	9,94%	24,490	110,50%	51,553	7,04%	55,184
	Technology		38,234	-0,29%	38,122	48,39%	56,569	27,19%	71,951
March	Furniture		44,780	23,01%	55,082	18,59%	65,323	37,33%	89,705
	Office Supplies		34,395	56,19%	53,721	15,43%	62,008	25,11%	77,576
	Technology		66,554	-18,45%	54,273	31,30%	71,263	34,46%	95,819
April	Furniture		31,345	74,52%	54,702	-0,21%	54,587	29,29%	70,576
	Office Supplies		46,604	-5,83%	43,886	27,07%	55,766	45,87%	81,346
	Technology		38,967	60,30%	62,464	8,01%	67,469	34,65%	90,849
May	Furniture		44,981	39,97%	62,961	18,22%	74,435	32,08%	98,312
	Office Supplies		46,110	32,38%	61,041	22,36%	74,692	31,17%	97,975
	Technology		55,658	51,57%	84,363	32,02%	111,372	-17,29%	92,114
June	Furniture		78,369	3,97%	81,481	41,46%	115,262	18,25%	136,294
	Office Supplies		65,150	16,42%	75,846	46,98%	111,477	7,94%	120,323

The furniture category is the category that has the lowest profit from year to year

Our Top Customer

Tom Ashbrook	40,488
Tamara Chand	37,457
Greg Tran	35,551
Christopher Conant	35,187
Sean Miller	35,171
Bart Watters	32,310
Natalie Fritzler	31,781
Fred Hopkins	30,401
Jane Waco	30,288
Hunter Lopez	30,244

Muhammad Khairul

Thanks!

Click!