



การนำเสนอข้อมูลด้วย Looker Studio

สาขาวิชาการบัญชี
คณะวิทยาการจัดการ มหาวิทยาลัยราชภัฏเทพสตรี
xx พฤศจิกายน 2567

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สาขาวิชาวิศวกรรมการสื่อสารและสารสนเทศ
คณะเทคโนโลยีอุตสาหกรรม มหาวิทยาลัยราชภัฏเทพสตรี

ตารางอบรม

➤ xx พฤศจิกายน 2567

- Introduction
- Test Data
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- Control
- Drop-down

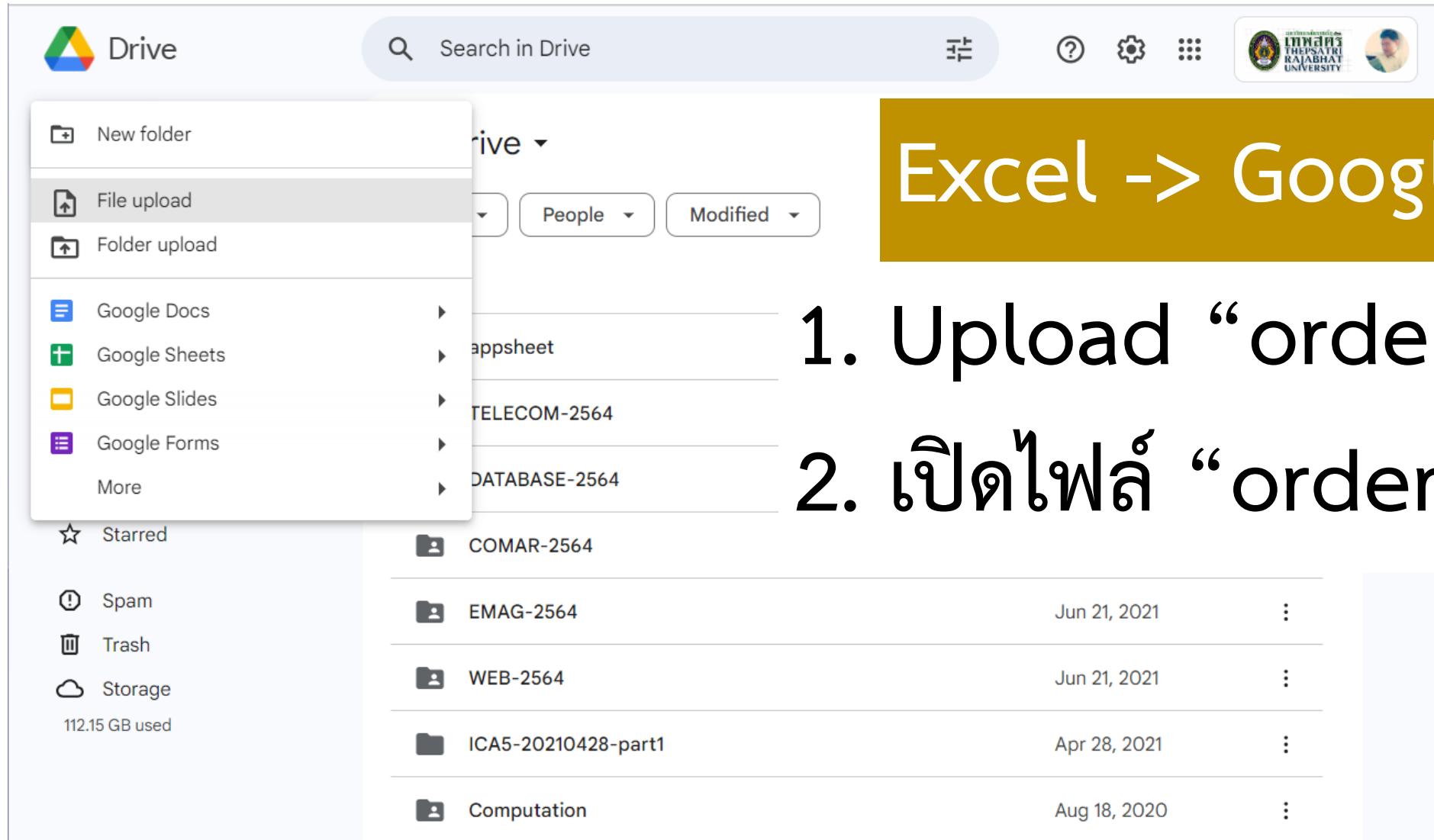
- Share
 - Link
 - PDF

1. Introduction

1.1 Test Data

A	B	C	D	E	F	G	H	I	J	
1	orderNumber	productCode	productName	quantityOrdered	priceEach	total	customerName	address	sales	office
2	10100	S18_1749	1917 Grand Touring Sedan	30	136	4080	Online Diecast Creations Co.	USA	Steve Patterson	USA
3	10100	S18_2248	1911 Ford Town Car	50	55.09	2754.5	Online Diecast Creations Co.	USA	Steve Patterson	USA
4	10100	S18_4409	1932 Alfa Romeo 8C2300 Spider Sport	22	75.46	1660.12	Online Diecast Creations Co.	USA	Steve Patterson	USA
5	10100	S24_3969	1936 Mercedes Benz 500k Roadster	49	35.29	1729.21	Online Diecast Creations Co.	USA	Steve Patterson	USA
6	10101	S18_2325	1932 Model A Ford J-Coupe	25	108.06	2701.5	Blauer See Auto, Co.	Germany	Barry Jones	UK
7	10101	S18_2795	1928 Mercedes-Benz SSK	26	167.06	4343.56	Blauer See Auto, Co.	Germany	Barry Jones	UK
8	10101	S24_1937	1939 Chevrolet Deluxe Coupe	45	32.53	1463.85	Blauer See Auto, Co.	Germany	Barry Jones	UK
9	10101	S24_2022	1938 Cadillac V-16 Presidential Limousine	46	44.35	2040.1	Blauer See Auto, Co.	Germany	Barry Jones	UK
10										
11										
12										
13										
14										
15	10103	S18_1857	1918 Ford Pickup Truck	33	54.5	1888.5	Baane Mini Imports	Norway	Barry Jones	UK
16	10103	S18_2432	1926 Ford Fire Engine	22	58.34	1283.48	Baane Mini Imports	Norway	Barry Jones	UK
17	10103	S18_2949	1913 Ford Model T Speedster	27	92.19	2489.13	Baane Mini Imports	Norway	Barry Jones	UK
18	10103	S18_2957	1934 Ford V8 Coupe	35	61.84	2164.4	Baane Mini Imports	Norway	Barry Jones	UK
19	10103	S18_3136	18th Century Vintage Horse Carriage	25	86.92	2173	Baane Mini Imports	Norway	Barry Jones	UK
20	10103	S18_3320	1917 Maxwell Touring Car	46	86.31	3970.26	Baane Mini Imports	Norway	Barry Jones	UK
21	10103	S18_4600	1940s Ford truck	36	98.07	3530.52	Baane Mini Imports	Norway	Barry Jones	UK
22	10103	S18_4668	1939 Cadillac Limousine	41	40.75	1670.75	Baane Mini Imports	Norway	Barry Jones	UK
23	10103	S24_2300	1962 Volkswagen Microbus	36	107.34	3864.24	Baane Mini Imports	Norway	Barry Jones	UK
24	10103	S24_4258	1936 Chrysler Airflow	25	88.62	2215.5	Baane Mini Imports	Norway	Barry Jones	UK
25	10103	S32_1268	1980's GM Manhattan Express	31	92.46	2866.26	Baane Mini Imports	Norway	Barry Jones	UK
26	10103	S32_3522	1996 Peterbilt 379 Stake Bed with Outrigger	45	63.35	2850.75	Baane Mini Imports	Norway	Barry Jones	UK
27	10103	S700_2824	1982 Camaro Z28	42	94.07	3950.94	Baane Mini Imports	Norway	Barry Jones	UK
28	10104	S12_2148	1960 Gmc 1000	24	121.44	2906.64	Ford + Shaving Company	Canada	General Household	-----

1.1 Test Data



Drive

Search in Drive

New folder

File upload

Folder upload

Google Docs

Google Sheets

Google Slides

Google Forms

More

Starred

Spam

Trash

Storage

112.15 GB used

drive

People Modified

appsheet

TELECOM-2564

DATABASE-2564

COMAR-2564

EMAG-2564 Jun 21, 2021

WEB-2564 Jun 21, 2021

ICA5-20210428-part1 Apr 28, 2021

Computation Aug 18, 2020

Excel -> Google Sheet

1. Upload “order-sale.xlsx”
2. เปิดไฟล์ “order-sale.xlsx”

1.1 Test Data

The screenshot shows a Google Sheets interface with the file name "order-sale .XLSX" at the top. A context menu is open over the first row (A1 to C1), with the option "Save as Google Sheets" highlighted. The main sheet displays a table of product sales data.

Product Name	Quantity	Unit Price	Total Price	Supplier
Sedan	123	\$2.00	\$240.00	Blauer See Auto, Co.
C2300 Spider Sport	46	44.35	2040.1	Blauer See Auto, Co.
GT 500k Roadster	39	95.55	3726.45	Vitachrome Inc.
J-Coupe	41	43.13	1768.33	Vitachrome Inc.
SSK	26	214.3	5571.8	Baane Mini Imports
Luxe Coupe	42	119.67	5026.14	Baane Mini Imports
Presidential Limousine	27	121.64	3284.28	Baane Mini Imports
GT 1300	35	94.5	3307.5	Baane Mini Imports
16V	22	58.34	1283.48	Baane Mini Imports
Truck	27	92.19	2489.13	Baane Mini Imports
Line	35	61.84	2164.4	Baane Mini Imports
Speedster	25	86.92	2173	Baane Mini Imports
Car	46	86.31	3970.26	Baane Mini Imports
Horse Carriage	36	98.07	3530.52	Baane Mini Imports

Excel -> Google Sheet

3. Save as Google Sheets

1.1 Test Data

The screenshot shows a Google Sheet titled "order-sale". The sheet contains a table with columns: A (orderNumber), B (productCode), C (productName), D (quantityOrdered), E (priceEach), F (total), and G (customerName). The data consists of 22 rows, each representing an order item. The customer names are color-coded: Online Diecast Creations Co. (green), Blauer See Auto, Co. (light green), and Baane Mini Imports (blue).

	A	B	C	D	E	F	G
1	orderNumber	productCode	productName	quantityOrdered	priceEach	total	customerName
2	10100	S18_1749	1917 Grand Touring Sedan	30	136	4080	Online Diecast Creations Co.
3	10100	S18_2248	1911 Ford Town Car	50	55.09	2754.5	Online Diecast Creations Co.
4	10100	S18_440					Online Diecast Creations Co.
5	10100	S24_396					Online Diecast Creations Co.
6	10101	S18_232					Blauer See Auto, Co.
7	10101	S18_279					Blauer See Auto, Co.
8	10101	S24_193					Blauer See Auto, Co.
9	10101	S24_202					Blauer See Auto, Co.
10	10102	S18_1342	1937 Lincoln Berline	39	95.55	3726.45	Vitachrome Inc.
11	10102	S18_1367	1936 Mercedes-Benz 500K Special Roadster	41	43.13	1768.33	Vitachrome Inc.
12	10103	S10_1949	1952 Alpine Renault 1300	26	214.3	5571.8	Baane Mini Imports
13	10103	S10_4962	1962 LanciaA Delta 16V	42	119.67	5026.14	Baane Mini Imports
14	10103	S12_1666	1958 Setra Bus	27	121.64	3284.28	Baane Mini Imports
15	10103	S18_1097	1940 Ford Pickup Truck	35	94.5	3307.5	Baane Mini Imports
16	10103	S18_2432	1926 Ford Fire Engine	22	58.34	1283.48	Baane Mini Imports
17	10103	S18_2949	1913 Ford Model T Speedster	27	92.19	2489.13	Baane Mini Imports
18	10103	S18_2957	1934 Ford V8 Coupe	35	61.84	2164.4	Baane Mini Imports
19	10103	S18_3136	18th Century Vintage Horse Carriage	25	86.92	2173	Baane Mini Imports
20	10103	S18_3320	1917 Maxwell Touring Car	46	86.31	3970.26	Baane Mini Imports
21	10103	S18_4600	1940s Ford truck	36	98.07	3530.52	Baane Mini Imports
22	10103	S18_4668	1939 Cadillac Limousine	41	40.75	1670.75	Baane Mini Imports

Excel -> Google Sheet

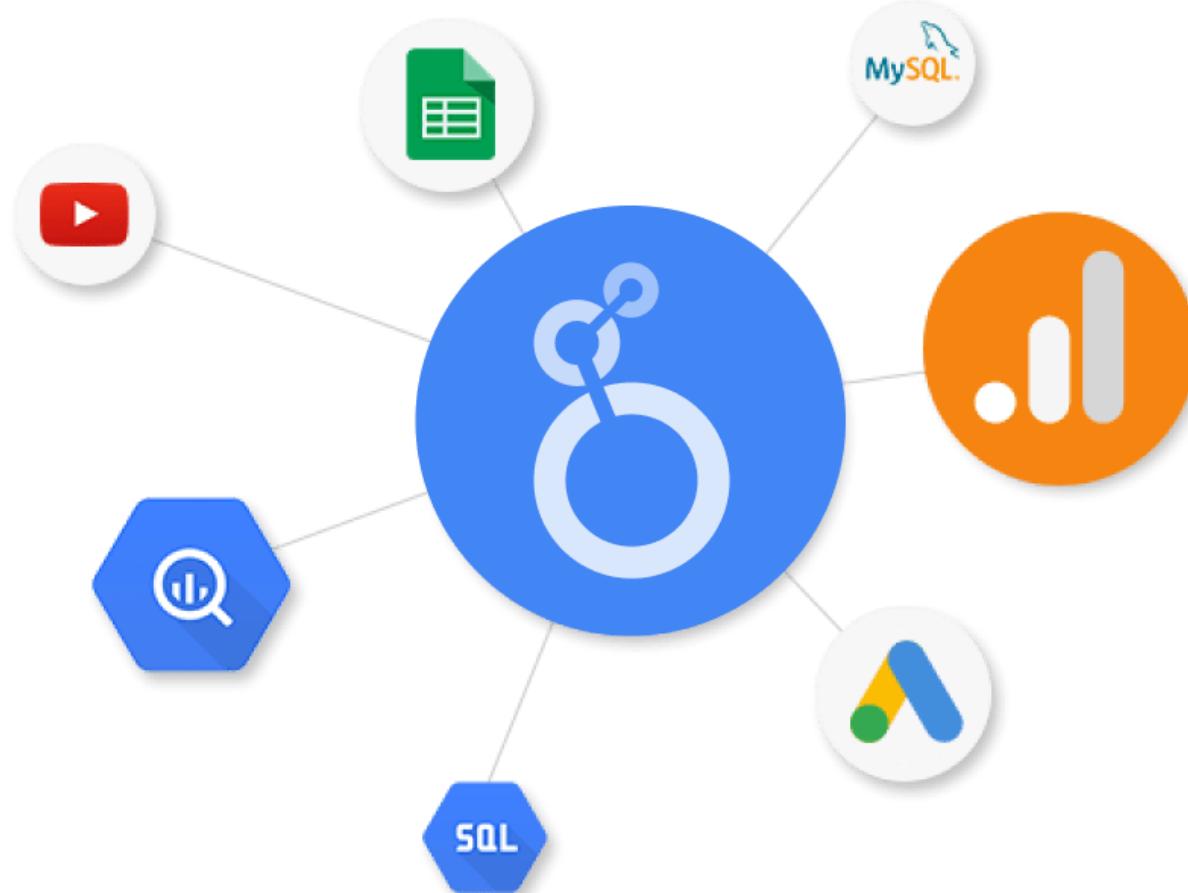
1.1 Test Data

order-sale File Edit View Insert Format Data Tools Extensions Help Share

A1 | fx orderNumber

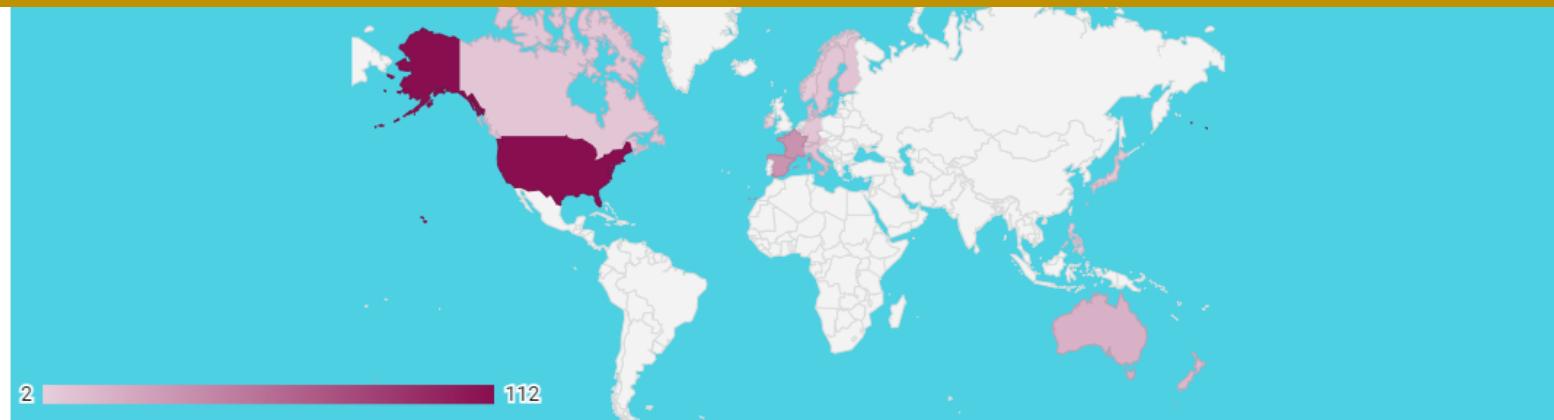
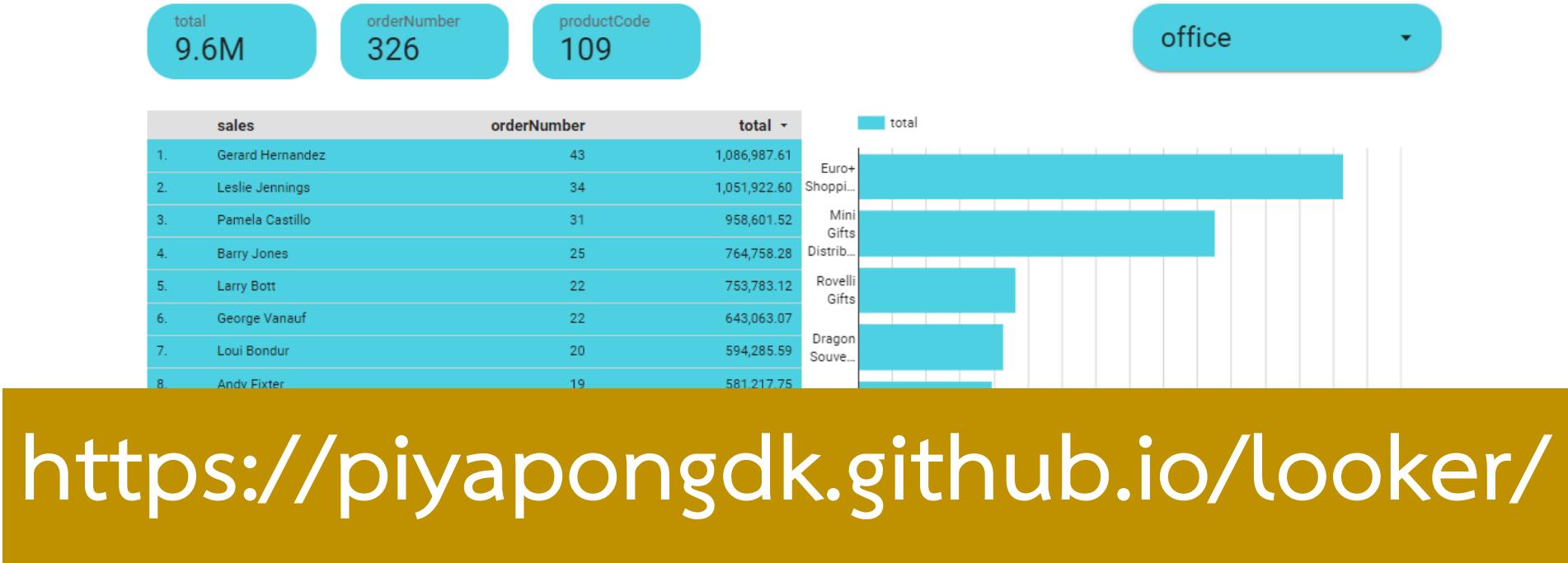
	A	B	C	D	E	F	G	H	I	J
1	orderNumber	productCode	productName	quantityOrdered	priceEach	total	customerName	address	sales	office
2	10403	S10_4698	2003 Harley-Davidson Eagle Drag Bike	66	174.29	1219.68	UK Collectables, Ltd.	UK	Larry Bott	UK
3	10405	S12_4675	1969 Dodge Charger	97	115.16	1186	Mini Caravy	France	Gerard Hernandez	France
4	10407	S18_1749	1917 Grand Touring Sedan	76	141.1	1166.94	The Sharp Gifts Warehouse	USA	Leslie Jennings	USA
5	10404	S12_1099	1968 Ford Mustang	64	163.44	1204.28	Down Under Souveniers, Inc	New Zealand	Peter Marsh	Australia
6	10312	S10_1949	1952 Alpine Renault 1300	48	214.3	2312.24	Mini Gifts Distributors Ltd.	USA	Leslie Jennings	USA
7	10424	S10_1949	1952 Alpine Renault 1300	50	201.44	687.2	Euro+ Shopping Channel	Spain	Gerard Hernandez	France
8	10348	S12_1108	2001 Ferrari Enzo	48	207.8	1898.84	Corrida Auto Replicas, Ltd	Spain	Martin Gerard	France
9	10405	S24_3856	1956 Porsche 356A Coupe	76	127.79	1173.64	Mini Caravy	France	Gerard Hernandez	France
10	10196	S12_1108	2001 Ferrari Enzo	47	203.64	3755.6	Super Scale Inc.	USA	Foon Yue Tseng	USA
11	10206	S10_1949	1952 Alpine Renault 1300	47	203.59	3583.8	Canadian Gift Exchange Network	Canada	George Vanauf	USA
12	10304	S10_1949	1952 Alpine Renault 1300	47	201.44	2433.2	Auto Associés & Cie.	France	Gerard Hernandez	France
13	10412	S18_3232	1992 Ferrari 360 Spider red	60	157.49	1096.41	Euro+ Shopping Channel	Spain	Gerard Hernandez	France
14	10201	S10_4698	2003 Harley-Davidson Eagle Drag Bike	49	191.72	3680.1	Mini Wheels Co.	USA	Leslie Jennings	USA
15	10223	S10_4698	2003 Harley-Davidson Eagle Drag Bike	49	189.79	3324.33	Australian Collectors, Co.	Australia	Andy Fixter	Australia
16	10276	S12_1099	1968 Ford Mustang	50	184.84	2729.5	Online Mini Collectables	USA	Julie Firrelli	USA
17	10417	S10_4698	2003 Harley-Davidson Eagle Drag Bike	56	162.67	970.4	Euro+ Shopping Channel	Spain	Gerard Hernandez	France
18	10127	S12_1108	2001 Ferrari Enzo	46	193.25	5691.84	Muscle Machine Inc	USA	Foon Yue Tseng	USA
19	10341	S12_1099	1968 Ford Mustang	45	192.62	1957.3	Salzburg Collectables	Austria	Pamela Castillo	France
20	10400	S10_4757	1972 Alfa Romeo GTA	64	134.64	1256.43	The Sharp Gifts Warehouse	USA	Leslie Jennings	USA
21	10293	S12_1108	2001 Ferrari Enzo	46	187.02	2526.62	Amica Models & Co.	Italy	Pamela Castillo	France
22	10247	S12_1108	2001 Ferrari Enzo	44	195.33	3093.65	Suominen Souveniers	Finland	Larry Bott	UK
23	10194	S10_1949	1952 Alpine Renault 1300	42	203.59	3782.9	Saveley & Henriot, Co.	France	Loui Bondur	France
24	10105	S12_1108	2001 Ferrari Enzo	41	205.72	7940.06	Danish Wholesale Imports	Denmark	Pamela Castillo	France
25	10401	S700_2466	America West Airlines B757-200	85	98.72	1235.97	Tekni Collectables Inc.	USA	George Vanauf	USA
26	10214	S12_2705	1928 Mercedes-Benz SSK	50	167.06	2405.32	Corrida Auto Replicas, Ltd	Spain	Martin Gerard	France

1.2 Looker Studio



Turn your data into compelling stories of data visualization art.

1.2 Looker Studio



1.2 Looker Studio

The screenshot shows the Looker Studio dashboard. At the top left is the 'Looker Studio' logo. A search bar contains the placeholder 'Search Looker Studio'. On the right are icons for help, settings, and user profile. A large yellow rectangular overlay covers the central area, containing the URL <https://lookerstudio.google.com/>. To the left of this overlay is a 'Create' button with a plus sign icon. Below the overlay, the 'Recent' section is highlighted with a blue background, showing items like 'Shared with me', 'Owned by me', and 'Trash'. To the right of 'Recent' is an advertisement for 'Get Looker Studio Pro' featuring a rocket ship icon. A large yellow arrow points from the bottom left towards the 'Create' button. The number '1' is enclosed in a yellow circle at the tip of the arrow. Below the 'Recent' section is a 'Templates' section with a grid of report cards. One card is titled 'Blank Report Looker Studio' with a plus sign icon. Another card is titled 'GA4 Report Google Analytics'. The overall theme is a clean, modern web interface.

1.2 Looker Studio

The screenshot shows the 'Add data to report' interface in Looker Studio. At the top, there's a toolbar with various icons for navigation and report management. Below it is a 'Theme and layout' section. The main area is titled 'Add data to report' and contains two tabs: 'Connect to data' (which is selected) and 'My data sources'. A search bar is present. Below the tabs, a section titled 'Google Connectors (24)' is shown, with a note that they are built and supported by Looker Studio. It lists several connectors:

- Looker (By Google)
- Google Analytics (By Google)
- Google Ads (By Google)
- Google Sheets (By Google)

A large yellow arrow points from the number '2' in a red circle towards the 'Google Sheets' connector.

1.2 Looker Studio

Untitled Report

File View Page Help

Reset Share View

Add page Add data Add a chart Add a control Pause updates

Theme and layout

Add data to report Data credentials:

Google Sheets By Google

The Google Sheets connector allows you to access data stored in a Google Sheets worksheet.

LEARN MORE REPORT AN ISSUE

ALL ITEMS OWNED BY ME SHARED WITH ME STARRED URL OPEN FROM GOOGLE DRIVE

Spreadsheet: order-sale
Worksheet: orders

Options:

- Use first row as headers
- Column headers must be unique
- Columns with empty headers
- Include hidden and filtered cells
- Include specific range

Cancel Add

1.2 Looker Studio

The screenshot shows the Looker Studio interface with the following components:

- Top Bar:** Includes the title "Untitled Report", a user icon, and navigation links: File, Edit, View, Insert, Page, Arrange, Resource, Help.
- Toolbar:** Contains icons for Reset, Share, View, and other report management functions.
- Left Panel:** A "Data" panel showing a table of data with columns "productCode" and "Record Count". The table lists 10 rows of data, all with a "Record Count" of 10. A message at the bottom says "Data Last Updated: 2/13/2024 4:39:53 PM".
- Center Panel:** A canvas area featuring a decorative bar chart graphic and a "Let's get started" message: "Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it."
- Right Panel:** A sidebar with sections:
 - Data:** A search bar and a list of fields: order-sale - orders, address, customerName, office, orderNumber, priceEach, productCode, productName, quantityOrdered, sales, total, Record Count.
 - Properties:** Icons for Data, Properties, and Filter bar.
 - Actions:** Buttons for Add a field, Add a parameter, and Add Data.

2 . Chart

2.1 Scorecard

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Reset

1

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

Data

Search

order-sale - orders

RBC address
RBC customerName
RBC office
orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field
Add a parameter
Add Data

Data Properties Filter bar

The screenshot shows a user interface for creating a scorecard. At the top, there's a navigation bar with 'File', 'Edit', 'View', 'Insert', 'Page', 'Arrange', 'Resource', and 'Help' options. To the right of the navigation are 'Reset', 'Share', 'View' buttons, and a user profile icon. Below the navigation is a toolbar with icons for back, forward, search, and various report components like 'Add page', 'Add data', 'Add a chart', and 'Add a control'. To the right of the toolbar is a 'Theme and layout' section and a 'Pause updates' button. The main workspace is a large gray area with a central 'Let's get started' message: 'Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.' On the right side of the workspace is a 'Data' panel containing a search bar and a list of fields: 'order-sale - orders', 'address', 'customerName', 'office', 'orderNumber', 'priceEach', 'productCode', 'productName', 'quantityOrdered', 'sales', 'total', and 'Record Count'. At the bottom of the data panel are buttons for 'Add a field', 'Add a parameter', and 'Add Data'. On the far right, there's a vertical sidebar with three tabs: 'Data' (selected), 'Properties', and 'Filter bar'. A large orange arrow points upwards from the bottom left towards the top navigation bar. A large number '1' is overlaid on the bottom left corner of the main canvas area.

2.1 Scorecard

Order Report

File Edit View Insert Page Arrange Resource Help

Add a chart Add a control Theme and layout

+ Add quick filter

Reset

Share View

Reset

Pause updates

2

Scorecard

Total 1,168 Sessions 69.3K

Time series

Bar

Pie

Google Maps

Geo chart

Line

Area

Data

Search

order-sale - orders

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Add a field Add a parameter Add Data

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

address
customerName
office
orderNumber
priceEach
productCode
productName
quantityOrdered
sales
total
Record Count

Add a field
Add a parameter
Add Data

2.1 Scorecard

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

total 9.6M

3 →

Sessions 69.3K Chart Data

SETUP STYLE

Data source order-sale - orders

BLEND DATA

Date Range Dimension orderNumber

Metric sum total

Optional metrics

Sparkline Add dimension

Other Comparison Options

Comparison type Period

Show as progress

Default date range

Search order-sale - orders

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Add a field Add a parameter Add Data

Data Properties Filter bar

2.1 Scorecard

SUM Total (\$)

Name
Total (\$)|
Source field: total

Data Type
Number ▾

Display Format
None ▾

Aggregation
 Sum
 Average
 Count
 Count Distinct
 Min
 Max
 Median
 Standard Deviation
 Variance

Comparison calculation
None ▾

Running calculation
None ▾ ?

2.1 Scorecard

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

total 9.6M

4

5

Chart Data

Search

order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Properties

Filter bar

Style

Background and Border

25 100% None Solid Add Border Shadow

Padding

Line Height auto
Left Right
24px 24px
Top Bottom
8px

Add a field
Add a parameter
Add Data

The screenshot shows a software interface for creating reports, specifically a 'Scorecard' section. The main area displays a summary value 'total 9.6M'. To the right, a 'Style' panel is open, containing options for 'Background and Border' and 'Padding'. Two large brown circles with numbers 4 and 5 are overlaid on the interface, pointing to the style panel. The right sidebar contains a list of data fields like address, customerName, and total, along with buttons for adding fields, parameters, or data.

2.1 Scorecard

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total 1,168 Chart Data

SEARCH

Data source: order-sale - orders

BLEND DATA

Date Range Dimension: orderNumber

Metric: Order

Optional metrics

Sparkline: Add dimension

Other Comparison Options: Comparison type, Period, Show as progress

Default date range

Data Properties Filter bar

Total (\$) 9.6M Order 326 Product 109

DATA

Properties

Filter bar

2.2 Table

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data

Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Table Scorecard Time series Bar Pie Google Maps Geo chart Line Area

Total 1,168 Sessions 69.3K

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

Data

Search

order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field
Add a parameter
Add Data

1

2.2 Table

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Dimension: sales

Metric: orderNumber, total

2 → 3

2 → 3

Chart Data

SETUP STYLE

Data source order-sale - orders

BLEND DATA

Date Range Dimension Add dimension

Dimension RBC sales

Add dimension

Drill down

Metric CTD orderNumber

SUM total

Add a field Add a parameter Add Data

	sales	orderNumber	total
1.	Sam Hernandez	12	1,258,577.81
2.	Mike Hill	21	1,081,530.54
3.	John Smith	18	868,220.55
4.	Barry Jones	20	732,096.79
5.	George Vanau	22	704,853.91
6.	Peter Marsh	19	669,377.05
7.	Lou Bondur	20	584,593.76
8.	Anny Fitter	19	569,485.75
9.		10	562,582.50
			1 - 15 / 15 < >

2.2 Table

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

	Sales	Order	Total
1.	Gerard Hernandez	43	1,258,578
2.	Leslie Jennings	34	1,081,531
3.	Pamela Castillo	31	868,221
4.	Larry Bott	22	732,097
5.	Barry Jones	25	704,854
6.	George Vanauf	22	669,377
7.	Peter Marsh	19	584,594
8.	Loui Bondur	20	569,486
9.	Andri Fitor	10	562,592
		1 - 15 / 15	< >

Chart Data

Search order-sale - orders

ABC address
ABC customerName
ABC office
ABC orderNumber
123 priceEach
ABC productCode
ABC productName
123 quantityOrdered
ABC sales
123 total
123 Record Count

Setup Style

Data source: order-sale - orders

BLEND DATA

Date Range Dimension: Add dimension

Dimension: Sales

Drill down: Add dimension

Metric: Order

Optional metrics: Add a field, Add a parameter, Add Data

Metric sliders: Add Data

Data Properties Filter bar

2 . 3 Bar Chart

Order Report

File Edit View Insert Page Arrange Resource Help

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales	Order	Total
1. Gerard Hernandez	43	1,258
2. Leslie Jennings	34	1,081
3. Pamela Castillo	31	868
4. Larry Bott	22	732
5. Barry Jones	25	704
6. George Vanauf	22	669
7. Peter Marsh	19	584
8. Loui Bondur	20	569
9. Andri Flyter	10	562

1 - 15 / 15 <

1

Add a chart Add a control Reset ...

Table Scorecard Time series Bar Pie Google Maps Geo chart Line Area

Data

Search order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field Add a parameter Add Data

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

2 . 3 Bar Chart

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales Order Total

	Sales	Order	Total
1.	Gerard Hernandez	43	1,258,578
2.	Leslie Jennings	34	1,081,531
3.	Pamela Castillo	31	868,221
4.	Larry Bott	22	732,097
5.	Barry Jones	25	704,854
6.	George Vanau	22	669,377
7.	Peter Marsh	19	584,594
8.	Lou Bondur	20	569,486
9.	Anny Flytar	10	562,583

1 - 15 / 15 < >

Dimension: customerName

Metric: total

2

3

Data source: order-sale - orders

Date Range Dimension: Add dimension

Dimension: RBC customerName

Drill down: Off

Breakdown Dimension: Add dimension

Metric: SUM total

Optional metrics: Off

Metric sliders: Off

Add a field

Add a parameter

Add Data

2.3 Bar Chart

ปรับจำนวนกราฟให้เหลือ 5 แท่ง

The screenshot shows a Microsoft Power BI interface titled "Order Report". On the left, there are three blue summary cards: "Total (\$)" 9.6M, "Order" 326, and "Product" 109. Below these are two tables: "Sales" and "Order". The "Sales" table lists 15 sales records, and the "Order" table lists 15 order records. In the center, a bar chart titled "Customer" displays five horizontal bars representing different customers. The x-axis ranges from 0 to 1,000,000. The chart settings panel on the right is open, showing the "Bar chart" setup with "Bars" set to 5. A large orange arrow points from a circle containing the number 4 to this panel. The "Style" tab is selected in the chart setup.

4

Reset

Chart

SETUP STYLE

Bar chart

Bars 5

Show data labels

Color by

Reference Lines

Add a reference line

Add a reference band

Axes

Add Data

Data

Search

order-sale - orders

RBC address

RBC customerName

RBC office

RBC orderNumber

123 priceEach

RBC productCode

RBC productName

123 quantityOrdered

RBC sales

123 total

123 Record Count

Data

Properties

Filter bar

2 . 3 Bar Chart

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales Order Total

	Sales	Order	Total
1.	Gerard Hernandez	43	1,258,578
2.	Leslie Jennings	34	1,081,531
3.	Pamela Castillo	31	868,221
4.	Larry Bott	22	732,097
5.	Barry Jones	25	704,854
6.	George Vanauf	22	669,377
7.	Peter Marsh	19	584,594
8.	Lou Bondur	20	569,486
9.	Andy Flitner	10	562,582

Customer

Customer	Sales
Euro+Shop...	820.7K
Mini Gifts Distrib...	591.8K
Austral...	180.6K
Muscle Machine Inc	177.9K
La Rochelle Gifts	158.6K

Chart Data

SETUP STYLE

Bar chart

Bars: 5

Show data labels

Data label

Compact numbers

Decimal precision: auto

Bar label position: Left

Color by

Add a field Add a parameter Add Data

2.4 Geo Chart

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data

Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales Order Total

1. Gerard Hernandez	43	1,258
2. Leslie Jennings	34	1,081
3. Pamela Castillo	31	868
4. Larry Bott	22	732
5. Barry Jones	25	704
6. George Vanau	22	669
7. Peter Marsh	19	584
8. Loui Bondur	20	569
9. Andriy Filtar	10	562

1-15 / 15

Geo chart Line Area Scatter Pivot table Bullet Treemap Sankey Gauge

820.7K

00000 800000 1000000

1

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

Data

Search order-sale - orders

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Add a field Add a parameter Add Data

Data Properties Filter bar

2.4 Geo Chart

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Andri Fivtor	10	562,583

1 - 15 / 15 < >

Euro+ Shopping Mini Gifts Distrib... Austral... Muscle Machine Inc La Rochelle Gifts

180.6K 177.9K 158.6K

0 200000 400000 600000 800000 1000000

2

Dimension: address

3 Metric: total

Geo dimension: address

Metric: sum total

Zoom area: Missing

Data source: order-sale-orders

Geo dimension: address

Metric: sum total

Optional metrics:

Metric sliders:

Zoom area: Missing

Add a field

Add a parameter

Add Data

Data Properties Filter bar

The screenshot shows a data visualization interface with a world map at the bottom. On the left, there's a table of 15 customer records. In the center, a horizontal bar chart shows sales totals for three specific countries: Australia (180.6K), Muscle Machine Inc (177.9K), and La Rochelle Gifts (158.6K). A large orange arrow points from the text 'Dimension: address' to the 'address' entry in the 'Geo dimension' section of the right-hand configuration panel. Another orange arrow points from the text 'Metric: total' to the 'sum total' entry in the 'Metric' section.

Exercise

1. ให้นักศึกษาสร้าง report ชื่อ order-2 ประกอบด้วย
 - 1.1 Scorecard แสดงจำนวนลูกค้า
 - 1.2 Scorecard แสดงจำนวนประเทศของลูกค้า
 - 1.3 Table แสดง customerName, ยอดรวม total และ address
 - 1.4 สร้าง Bar Chart แสดง sales และ ยอดรวม total

3 . Control

3.1 Drop-down

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales Order Total

1. Gerard Hernandez	43	1,258,578
2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Anny Fivtar	10	562,582

Customer

Euro+ Shopping	820.7K
Mini Gifts Distrib...	180.6K
Austral...	177.9K
Muscle Machine Inc	158.6K

Let's get started

Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.

1

Add a control

- Drop-down list
- Fixed-size list
- Input box
- Advanced filter
- Slider
- Checkbox
- Preset filter
- Date range control
- Data control
- Dimension control
- Button

Data

Search

order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field
Add a parameter
Add Data

3.1 Drop-down

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Control Data

SETUP STYLE

Data source: order-sale - orders

BLEND DATA

Date Range Dimension: Add dimension

Control field: office (highlighted)

Metric: Add metric

Order: Descending

Search: Search

Properties

Filter bar

Control Field: office

2

Sales Order Total

	Sales	Order	Total
1.	Gerard Hernandez	43	1,258,578
2.	Leslie Jennings	34	1,081,531
3.	Pamela Castillo	31	868,221
4.	Larry Bott	22	732,097
5.	Barry Jones	25	704,854
6.	George Vanauf	22	669,377
7.	Peter Marsh	19	584,594
8.	Loui Bondur	20	569,486
9.	Anny Fitter	10	562,583

customer

1 - 15 / 15 < >

order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field
Add a parameter
Add Data

Reset

3.1 Drop-down

3.1 Drop-down

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter

Total (\$) 9.6M Order 326 Product 109

Sales Order Total

1. Gerard Hernandez	43	1,258,578
2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Andrv Fifter	10	562,583

Customer

Office

- ✓ office
- ✓ USA
- ✓ UK
- ✓ Japan
- ✓ France
- ✓ Australia

Control

SETUP STYLE

Data source: order-sale - orders

Date Range Dimension: Add dimension

Control field: office

Metric: Add metric

Order: Descending

Show top #: 5000

Search: order-sale - orders

Properties

Filter bar

3.1 Drop-down

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter office USA(1)

Total (\$) 3.5M Order 119 Product 109

Sales Order Total

	Sales	Order	Total
1.	Leslie Jennings	34	1,081,531
2.	George Vanauf	22	669,377
3.	Steve Patterson	18	505,875
4.	Foon Yue Tseng	17	488,213
5.	Julie Firrelli	14	386,663
6.	Leslie Thompson	14	347,533

1 - 6 / 6 < >

Customer

591.8K
177.9K
149.1K
143.5K
132.3K

Map of North America with a blue overlay highlighting the western coast of the United States and Canada.

Control Data

SETUP STYLE

Data source: order-sale - orders

Date Range Dimension: Add dimension

Control field: office

Metric: Add metric

Order: Descending

Default selection: value1, value2, value3

Show top #: 5000

Search: order-sale - orders

Properties

Filter bar

Exercise

1. ให้นักศึกษาแก้ไข report ชื่อ order-2 โดย
 - 1.1 เพิ่ม Drop-down ประเภทลูกค้า และให้ข้อมูลทั้งหมดเปลี่ยนแปลงตามตัวเลือก
 - 1.2 แก้ไข Chart เป็นแบบวงกลมแสดงยอดรวมของ customerName

4 . Share

4 . 1 Link

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Invite people Schedule delivery Get report link Embed report Download report

Search

Data Panel

order-sale - orders address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Properties Panel

Filter bar

1

Total (\$) 3.5M Order 119 Product 109

Sales Order Total

Sales	Order	Total
1. Leslie Jennings	34	1,081,531
2. George Vanauf	22	669,377
3. Steve Patterson	18	505,875
4. Foon Yue Tseng	17	488,213
5. Julie Firrelli	14	386,663
6. Leslie Thompson	14	347,533

1 - 6 / 6 < >

Customer

Map of the world showing regions in shades of blue.

Add a field Add a parameter Add Data

A large purple arrow points from the number '1' in a circle on the left side of the interface towards the 'Get report link' option in the context menu on the right.

4 . 1 Link

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control

Theme and layout Pause updates

+ Add quick filter office USA (1)

Total (\$) 3.5M Order 119 Product 109

Sales Order Total

1. Leslie Jennings	34	1,081,5
2. George Vanau	22	669,3
3. Steve Patterson	18	505,8
4. Foon Yue Tseng	17	488,2
5. Julie Firrelli	14	386,6
6. Leslie Thompson	14	347,5

1 - 6 / 6 < >

Get a link to this report

Be sure to share this report with people you give the link to. [View sharing settings](#)

Link to share

Link to your current report view

Your current report view includes your selections in date range controls, filter controls, and more. [Learn more](#)

Data

Search order-sale - orders

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Add a field Add a parameter Add Data

4.1 Link

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter office USA(1)

Total (\$) 3.5M Order 119 Product 109

Sales	Order	Total
1. Leslie Jennings	34	1,081,531
2. George Vanauuf	22	669,377
3. Steve Patterson	18	505,875
4. Foon Yue Tseng	17	488,213
5. Julie Firrelli	14	386,663
6. Leslie Thompson	14	347,533

1 - 6 / 6 < >

Share with people and groups

Share as

People with access

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Owner: ปี่ยะพงษ์ แดงขา (you) piyapong.d@lawasri.tru.ac.th

Link settings

Restricted

✓ Restricted lawasri.tru.ac.th

Unlisted

Public

Done

3

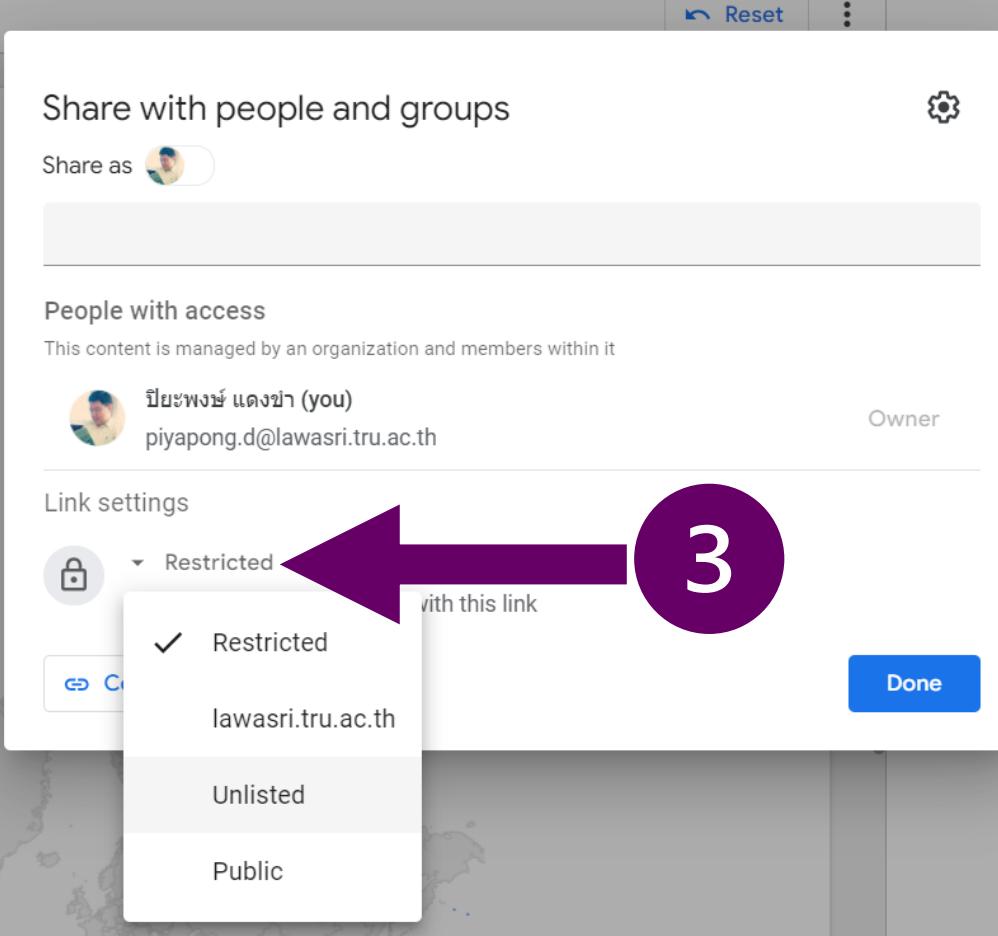
Data

Search order-sale - orders

RBC address
RBC customerName
RBC office
RBC orderNumber
123 priceEach
RBC productCode
RBC productName
123 quantityOrdered
RBC sales
123 total
123 Record Count

Add a field
Add a parameter
Add Data

Data Properties Filter bar



4 . 1 Link

Order Report

File Edit View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout Pause updates

+ Add quick filter office USA (1)

Total (\$) 3.5M Order 119 Product 109

Sales	Order	Total
1. Leslie Jennings	34	1,081,531
2. George Vanauf	22	669,377
3. Steve Patterson	18	505,875
4. Foon Yue Tseng	17	488,213
5. Julie Firrelli	14	386,663
6. Leslie Thompson	14	347,533

1 - 6 / 6 < >

Share with people and groups

Share as

People with access

This content is managed by an organization and members within it

پیย়েপ়ন্ধ ডেংখা (you)
piyapong.d@lawasri.tru.ac.th

Link settings

Unlisted Anyone on the internet with the link can view

Copy link Pending changes Save

4

Data

Search

order-sale - orders

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

Add a field Add a parameter Add Data

Get started from the Data Panel was to add a new select a component on canvas to edit it.

Filter bar



4 . 1 Link

Order Report

Total (\$) 9.6M Order 326 Product 109 office

Sales	Order	Total
1. Gerard Hernandez	43	1,258,578
2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Andie Flores	10	559,000

Customer

Customer	Total Sales
Euro+ Shopping	820.7K
Mini Gifts Distribution	591.8K
Australia	180.6K
Muscle Machine Inc	177.9K
La Rochelle Gifts	158.6K

45,480.79 3,273,280.05

Reset Share More User

4 . 1 Link

Order Report

Total (\$) 9.6M Order 326 Product 109

Sales	Order	Total
1. Gerard Hernandez	43	1,258,578
2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Andu Fivter	19	562,583

1 - 15 / 15 < >

office

Refresh Data

The dashboard includes a 'Share' button with options to 'Reset', 'Share', 'Make a copy', and 'Present'. A large purple arrow points from the 'Present' button to the 'Refresh Data' button.

Department	Sales
Shoppi...	820.7K
Mini...	591.8K
Distrib...	180.6K
Austral...	177.9K
Muscle...	158.6K

4 . 1 Link

Order Report

Total (\$) 9.6M Order 326 Product 109

Sales	Order	Total
1. Gerard Hernandez	43	1,258,578
2. Leslie Jennings	34	1,081,531
3. Pamela Castillo	31	868,221
4. Larry Bott	22	732,097
5. Barry Jones	25	704,854
6. George Vanauf	22	669,377
7. Peter Marsh	19	584,594
8. Loui Bondur	20	569,486
9. Andu Fivter	19	562,583

1 - 15 / 15 < >

Shoppi... 820.7K

Mini Gifts 591.8K

Distrib... 180.6K

Austral... 177.9K

Muscle Machine Inc 158.6K

La Rochelle Gifts

Refresh Data

Reset Share Edit

Refresh data

Make a copy

Present

The dashboard displays various metrics and data visualizations. At the top, there are three large blue callout boxes showing 'Total (\$)' as 9.6M, 'Order' as 326, and 'Product' as 109. Below this is a table of sales data for 15 individuals, ordered by sales volume. A bar chart titled 'Refresh Data' shows the sales volume for different distributorships. The x-axis represents sales in thousands, ranging from 0 to 1,000,000. The y-axis lists distributor names. A world map at the bottom shows data distribution across continents.

4 . 2 PDF

Order Report

File Editing View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout

Invite people Schedule delivery Get report link Embed report Download report

Search

total 9.6M orderNumber 326

sales orderNumber total

	sales	orderNumber	total
1.	Gerard Hernandez	79	1,231,770.78
2.	Leslie Jennings	61	1,126,131.61
3.	Pamela Castillo	52	860,193.94
4.	Larry Bott	51	762,700.46
5.	Barry Jones	41	672,078.62
6.	George Vanau	35	666,991.72
7.	Peter Marsh	34	632,948.31
8.	Andy Fixter	37	576,250.08
9.	Ioni Rondur	30	558,088.35

1 - 15 / 15 < >

total

Download report

office

address customerName office orderNumber priceEach productCode productName quantityOrdered sales total Record Count

4 . 2 PDF

Order Report

File Editing View Insert Page Arrange Resource Help

Reset Share View

Add page Add data Add a chart Add a control Theme and layout

total 9.6M orderNumber 326 productCode 109

sales orderNumber total

	sales	orderNumber	total
1.	Gerard Hernandez	79	1,231,770.
2.	Leslie Jennings	61	1,126,131.
3.	Pamela Castillo	52	860,193.
4.	Larry Bott	51	762,700.46
5.	Barry Jones	41	672,078.62
6.	George Vanauf	35	666,991.72
7.	Peter Marsh	34	632,948.31
8.	Andy Fixter	37	576,250.08
9.	Ioni Rondur	30	558,088.35

1 - 15 / 15 < >

Austral... La Rochelle Gifts Muscle Machine Inc

0 100,000 200,000 300,000 400,000 500,000 600,000 700,000 800,000

Download as PDF

Learn more

Ignore custom background colour

Add a link back to the report

Password protect report

CANCEL DOWNLOAD

Data

Search

order-sale - orders

RBC address

RBC customerName

RBC office

123 orderNumber

123 priceEach

RBC productCode

RBC productName

123 quantityOrdered

RBC sales

123 total

123 Record Count

Add a field

Add a parameter

Add Data



4 . 2 PDF

← → ⌂ File C:/Users/ModifyPC/Downloads/Order_Report.pdf

1 / 1 | - 75% + | ☰ ☲

≡ Order_Report.pdf

total 9.6M orderNumber 326 productCode 109 office

sales orderNumber total

	sales	orderNumber	total
1.	Gerard Hernandez	79	1,231,770.78
2.	Leslie Jennings	61	1,126,131.61
3.	Pamela Castillo	52	860,193.94
4.	Larry Bott	51	762,700.46
5.	Barry Jones	41	672,078.62
6.	George Vanauf	35	666,991.72
7.	Peter Marsh	34	632,948.31
8.	Andy Fixter	37	576,250.08
n	Louie Pendleton	20	550,000.00

1 - 15 / 15 < >

total

Euro+ Shopping...
Mini Gifts Distribution...
Australia...
La Rochelle Gifts...
Muscle Machine Inc...

0 100,000 200,000 300,000 400,000 500,000 600,000 700,000 800,000

2 172

48

Exercise

1. ให้นักศึกษาสร้าง report ชื่อ order-3 ประกอบด้วย
 - 1.1 Scorecard แสดงยอดรวม total ของ office USA
 - 1.2 Scorecard แสดงยอดรวม total ของ office UK

Exercise

แนวคิดแก้โจทย์ – สร้างตารางผลรวมยอดขายแต่ละ office

The screenshot shows a data visualization interface with a chart and a data panel.

Chart: A table showing the total sales for five offices. The columns are labeled "office" and "total". The data is as follows:

Rank	Office	Total Sales
1.	USA	3,474,856.82
2.	France	3,032,947.94
3.	UK	1,434,779.08
4.	Australia	1,209,198.39
5.	Japan	452,408.38

Data Panel: On the right, there is a sidebar with various dimensions and metrics listed under "SET-UP" and "STYLE".

- Dimension:** office (selected)
- Metric:** SUM total
- Optional metrics:** sales, total
- Metric sliders:** Record Count

Search: Search bar with placeholder "Search".

Available Fields: A list of fields categorized by color:

- ABC:** office, address, customerName, office, officeUSA
- 123:** orderNumber, priceEach, productCode, productName, quantityOrdered
- RBC:** sales
- : total
- Add a field:** +

Exercise

แนวคิดแก้โจทย์ – สร้าง scorecard ผลรวมยอดขายทั้งหมด

The screenshot shows a data visualization interface with the following components:

- Top Bar:** Includes navigation icons (back, forward, search), page and data addition buttons, chart and control addition buttons, and a pause button.
- Chart Area:** A large digital ink-style number "9,604,190.61" is displayed with a bounding box selection tool around it. Above the number is a "Total 1,168" label and a "Chart" tab in the sidebar.
- Table Area:** A table titled "office" with columns "office" and "total". The data rows are:
 - 1. USA: 3,474,856.82
 - 2. France: 3,032,947.94
 - 3. UK: 1,434,779.08
 - 4. Australia: 1,209,198.39
 - 5. Japan: 452,408.38
- Sidebar:** Contains tabs for "SET-UP" (selected) and "STYLE".
 - Data Source:** Set to "order-sale - orders".
 - Metric:** Set to "SUM total".
 - Optional metrics:** A toggle switch is turned off.
- Search Bar:** A search bar labeled "Search" is located on the right side.
- Legend:** A vertical legend on the right lists various data fields with corresponding color-coded squares.

Exercise

แนวคิดแก้โจทย์ – สร้าง Filter

The screenshot shows a data visualization interface with the following elements:

- Header:** + Add quick filter, Reset, Filter picker, Data.
- Table:** A list of sales data by office. The columns are "office" and "total". The data rows are:
 - USA: 3,474,856.82
 - France: 3,032,947.94
 - UK: 1,434,779.08
 - Australia: 1,209,198.39
 - Japan: 452,408.38
- Value:** A large number "9,604,190.61" is highlighted with a blue selection box. Above it is the word "total".
- Callout:** A blue box with the text "Create Filter" and a large downward-pointing arrow.
- Filter Picker:** A sidebar on the right containing a search bar and a list of fields:
 - order-sale - orders
 - address
 - customerName
 - office
 - officeUSA
 - orderNumber
 - priceEach
 - productCode
 - productName
 - quantityOrdered
 - sales
 - total
 - Record Count
 - + Add a field
 - + Add a parameter
 - + Add Data

Exercise

แนวคิดแก้โจทย์ – สร้าง Filter

The screenshot shows a 'Filter picker' interface with the following elements:

- Create Filter**: A button labeled 'Create Filter'.
- Name**: A field containing 'France'.
- Data**: A dropdown menu showing 'order-sale - orders'.
- Filter Logic**: A visual builder with:
 - Include**: A dropdown set to 'ABC office'.
 - Equal to (=)**: A dropdown set to 'France'.
 - AND/OR**: A switch set to 'AND'.
- Text Labels**: Three blue callout boxes with arrows pointing to specific parts:
 - เลือก office** (Select office) points to the 'ABC office' dropdown.
 - เลือก Equal to** (Select Equal to) points to the 'Equal to (=)' dropdown.
 - ตั้งค่าเป็น France** (Set value to France) points to the 'France' input field.
- SAVE**: A blue 'SAVE' button.

Exercise

แนวคิดแก้โจทย์ – จะได้ค่าเท่ากับการคำนวณในตาราง

The screenshot shows a data visualization interface with a table and a chart.

Table:

	office	total
1.	USA	3,474,856.82
2.	France	3,032,947.94
3.	UK	1,434,779.08
4.	Australia	1,209,198.39
5.	Japan	452,408.38

Chart:

A large number **3,032,947.94** is displayed prominently in the center, with a blue arrow pointing from the table's total column towards it. Above the number is the word **total**. To the left of the number is a blue box containing the word **total**.

Toolbars and Buttons:

- Add page
- Add data
- Add a chart
- Add a control
- Reset
- More options

Chart Configuration Panel:

- Total 1,168
- Chart (SET-UP, STYLE)
- Data source: order-sale - orders
- BLEND DATA
- Date Range Dimension: Add dimension
- Metric: SUM total
- Optional metrics

Search:

- order-sale - orders
- address
- customerName
- office
- officeUSA
- orderNumber
- priceEach
- productCode
- productName
- quantityOrdered
- sales
- total
- Record Count

