

{ MONSOONSIM

**Official
Presentation**



**MonsoonSIM V8 Real Game Follow by
Data Analytic Access Workshop**

Summary

17th January 2020

- Play MonsoonSIM V8
- How to set data analytics and set user access
- How to connect MonsoonSIM table to Power BI
- How to create dashboard and charts in Power BI
- How Power BI help Student in making MonsoonSIM strategies

18th January 2020

- Participants create and run MonsoonSIM V8 games
- How to connect MonsoonSIM table to Google Data Studio
- How to create dashboard and charts in Google Data Studio
- How Google Data Studio help Student in making MonsoonSIM strategies

Play MonsoonSIM V8

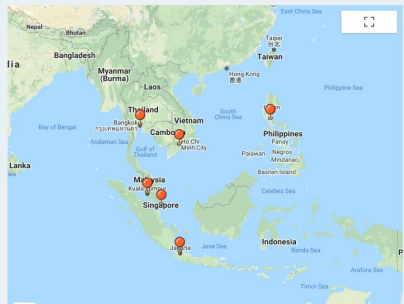
MONSOONSIM

Status: *** | Last Stopped Day: 22 | Official | Maximum Day: 130 | Sec/Day: 15 | Andy B Tankezyah | V: 8 | MonsoonSIM AUS Last Test: 105,22226

Config

Config Tree | Location Map | Save Config as... | Save | Config List

Set Location



Location	Attribute	Retail Rental SGD / Day / m2	Warehouse Rental SGD / Day / m2
Jakarta,Indonesia	Population / km2 : 18,154 Group1 : 2,640,000 Group2 : 3,340,000 Group3 : 6,120,000	30	3
Singapore,Singapore	Population / km2 : 7,767 Group1 : 1,504,000 Group2 : 898,000 Group3 : 2,800,000	56	6
Bangkok,Thailand	Population / km2 : 6,927 Group1 : 2,882,000 Group2 : 1,395,000 Group3 : 6,022,000	22	2
Kuala Lumpur,Malaysia	Population / km2 : 7,819 Group1 : 458,000 Group2 : 285,000 Group3 : 1,121,000	32	3

1. Choose Retail Location (Click Retail - Choose Location - Click Rental Manage)
2. Procure some finished goods for each retail store
3. And so on....

How to Set Data Analytics and User Access

How to Set Data Analytics and User Access

{ } MONSOONSIM

1. Click here (More Menus)

MonsoonSIM CT
Premium Support
(Live!) 

Status: ●●● | Last Stopped Day: 0 | Maximum Day: 120 | Abdy B Taminsyah | V: 8 | MonsoonSIM AUS | test test test | 105_22575 +



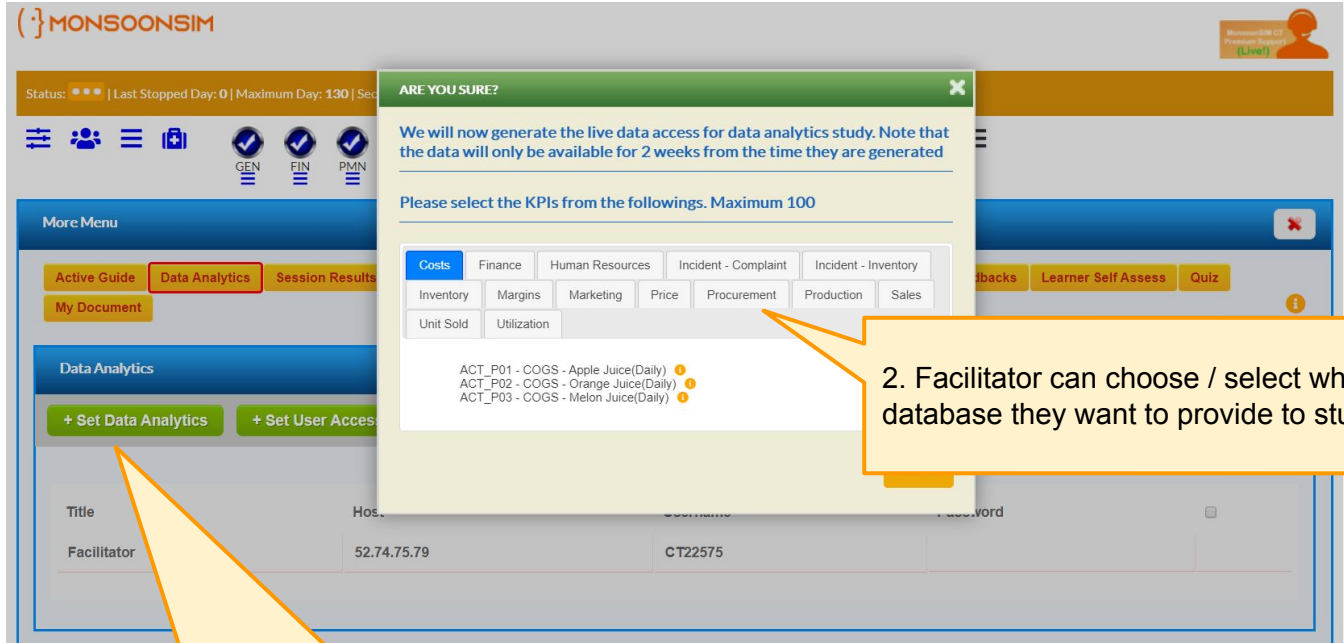
More Menu

Active Guide Data Analytics Session Results Course Wizard Observe Score by Target Score by Matrix CT Resources Feedbacks Learner Self Assess Quiz
My Document

2. Click "Data Analytics"

Title	Host	Username	Password	
Facilitator	52.74.75.79	CT22575		<input type="checkbox"/>

How to Set Data Analytics and User Access



2. Facilitator can choose / select which database they want to provide to students

1. Facilitator can click "+Set Data Analytics"

How to Set Data Analytics and User Access

The screenshot shows a software interface with a navigation bar at the top containing buttons for 'Observe', 'Score by Matrix', 'Score by Target', 'Course Wizard', 'Data Analytics', 'Active Guide', 'CT Resources', 'Feedbacks', 'Learner Self Assess', 'Quiz', and 'Session Results'. Below the navigation bar, there are buttons for 'My Document', 'KPI Export to CSV', 'Live Data Table', and 'Live Data User Access'. The 'Live Data Table' button is highlighted with a red box and a callout box. Below the buttons, there is a 'Live Data Table' section with a 'Subscription Status' header. The table below has four columns: 'Table Name', 'For', 'Data', and 'Type'. The table lists several data sources, including 'COM_client', 'COM_forecast_retail', 'COM_location', 'COM_product', 'COM_vendor', 'LN97402_inventory', and 'LN97402_marketing'. A callout box points to the table content.

Table Name	For	Data	Type
COM_client	Common	client	Transaction
COM_forecast_retail	Common	forecast_retail	Transaction
COM_location	Common	location	Transaction
COM_product	Common	product	Transaction
COM_vendor	Common	vendor	Transaction
LN97402_inventory	Team 97402 [team 1]	inventory	Transaction
LN97402_marketing	Team 97402 [team 1]	marketing	Transaction

1. Or CT can just use the live data that provided by system

2. These are the tables that CT or Per Team can access it.

How to Set Data Analytics and User Access

The screenshot displays the MONSOONSIM web application interface. At the top, the status bar shows 'Status: ... | Last Stopped Day: 0 | Maximum Day: 130 | Sec'. Below this is a navigation menu with icons for 'GEN', 'FIN', and 'PMN'. The main content area is titled 'Data Analytics' and contains three buttons: '+ Set Data Analytics', '+ Set User Access', and 'Mail Learners'. A modal dialog box is open, titled 'ARE YOU SURE?', with the text: 'We will now generate USER access for data analytics study. Note that the ACCESS will only be available for 2 weeks from the time they are generated'. A 'Submit' button is visible at the bottom of the modal. A table below the modal shows user access details:

Title	Hos	Username	Password
Facilitator	52.74.75	CT22575	

2. Click "Submit"

1. Facilitator can click "+Set User Access" to provide user name and password to students

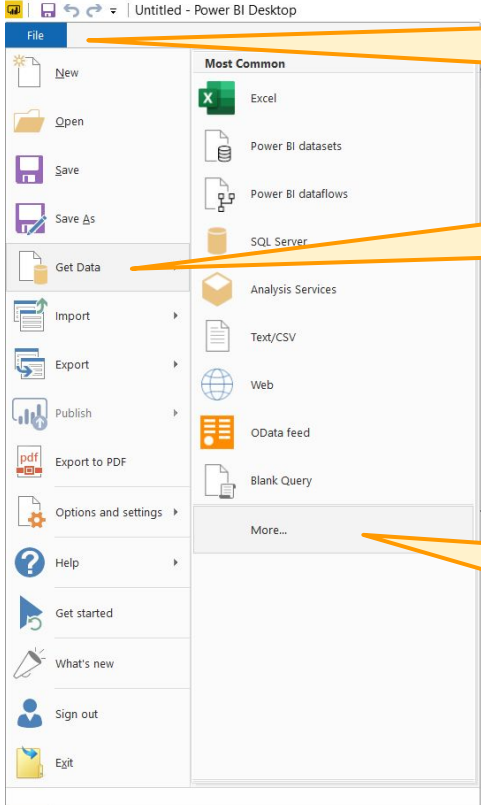
How to Set Data Analytics and User Access

The screenshot displays a software interface with a blue header and a yellow navigation bar. The 'Data Analytics' section is active, showing three buttons: '+ Set Data Analytics', '+ Set User Access', and 'Mail Learners'. Below these is a table with columns for Title, Host, Username, Password, and an action column. A callout box highlights the table, stating: 'Facilitator can see Host, username and Password of every teams'.

Title	Host	Username	Password	
Facilitator	52.74.75.79	CT22575	<input type="checkbox"/> Show
Team:95739	52.74.75.79	LN22575_95739	93687	<input checked="" type="checkbox"/> Show
Team:95740	52.74.75.79	LN22575_95740	<input type="checkbox"/> Show

How to Connect MonsoonSIM Table to Power BI

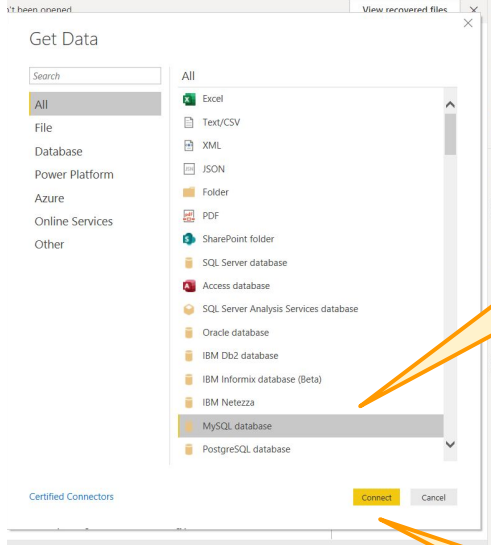
How to Connect MonsoonSIM Table to Power BI



1. Click File

2. Click Get Data

3. Click More



4. Choose MySQL Database

5. Click connect

How to Connect MonsoonSIM Table to Power BI

1. Fill Server with Host Number

2. Fill Database with 5 last digit number of your game code

3. Click OK

MySQL database

Server
52.74.75.79

Database
22926

> Advanced options

OK Cancel

How to Connect MonsoonSIM Table to Power BI

The screenshot shows the Power BI Navigator interface. On the left, a list of tables is displayed under the folder '52.74.75.76-2020 (9)'. The tables are: 22926.COM_client, 22926.COM_forecast_retail, 22926.COM_location, 22926.COM_product, 22926.COM_vendor, 22926.CT_inventory, 22926.CT_marketing, 22926.CT_procurement, and 22926.CT_sales. The '22926.COM_product' table is selected. In the center, a preview of the '22926.COM_product' table is shown with columns: id, day, date, teamid, location, product, and invoice. The data rows show various products like Apple Juice, Orange Juice, and Melon Juice across different locations and dates. At the bottom, there are three buttons: 'Load', 'Transform Data', and 'Cancel'. Three callout boxes provide instructions: 1. 'Choose the table that you want to analyze, or you can choose all' (pointing to the table list), 2. 'It will show the table data' (pointing to the data preview), and 3. 'Click Load' (pointing to the 'Load' button).

1. Choose the table that you want to analyze, or you can choose all

2. It will show the table data

3. Click Load

id	day	date	teamid	location	product	invoice
2564	4	1/4/2020	97402	Jakarta	Apple Juice	2308
2565	4	1/4/2020	97402	Jakarta	Orange Juice	2915
2566	4	1/4/2020	97402	Jakarta	Melon Juice	3092
2567	4	1/4/2020	97402	Singapore	Apple Juice	4263
2568	4	1/4/2020	97402	Singapore	Orange Juice	4537
2569	4	1/4/2020	97402	Singapore	Melon Juice	2922
2570	4	1/4/2020	97402	Bangkok	Apple Juice	3703
2571	4	1/4/2020	97402	Bangkok	Orange Juice	3683
2572	4	1/4/2020	97402	Bangkok	Melon Juice	2276

How to Create Charts in Power BI Dashboard

The image shows the Power BI Desktop interface. On the left, a bar chart titled "Revenue by Year and product" displays revenue for three products (Apple Juice, Melon Juice, Orange Juice) in the year 2020. The y-axis represents revenue from 0.0M to 0.5M. The chart shows Apple Juice at approximately 0.38M, Melon Juice at 0.45M, and Orange Juice at 0.42M. The main area is the Visualizations pane, which includes a grid of chart types, a search bar, and a list of data fields from the "22926 CT_sales" table. The fields are: client, date, day, id, location, price, product, revenue, teamid, tpe, and unit_sold. The "date" field is selected for the axis, "product" for the legend, and "revenue" for the value. The "Filters on this visual" pane shows filters for date (Day, Month, Quarter, Year) and product. The "Filters on all pages" pane is empty. The bottom status bar shows "Page 1".

1. Choose Chart

2. Click which data that you want to show

3. You can see or change the axis, legend and value

4. This is the dashboard

How to Create Charts in Power BI Dashboard

Click here to show the data

The screenshot displays the Power BI Desktop interface. The main area shows a data table with columns: id, day, date, teamid, location, product, unit_sold, client, price, tpe, and revenue. The table contains 20 rows of data. On the right side, the 'Fields' pane is visible, showing a list of fields for the '22926 CT_sales' table, including client, date, day, id, location, price, product, revenue, teamid, tpe, and unit_sold. An orange callout box with a pointer indicates the 'Show data' icon in the top-left corner of the table view.

id	day	date	teamid	location	product	unit_sold	client	price	tpe	revenue
1070	4	Saturday, January 4, 2020	97402	Jakarta	Apple Juice	2692		26	Retail	69992
1071	4	Saturday, January 4, 2020	97402	Jakarta	Orange Juice	2081		29	Retail	60349
1072	4	Saturday, January 4, 2020	97402	Jakarta	Melon Juice	1908		31	Retail	59148
1073	4	Saturday, January 4, 2020	97402	Singapore	Apple Juice	737		26	Retail	19162
1074	4	Saturday, January 4, 2020	97402	Singapore	Orange Juice	463		29	Retail	13427
1075	4	Saturday, January 4, 2020	97402	Singapore	Melon Juice	2078		31	Retail	64418
1076	4	Saturday, January 4, 2020	97402	Bangkok	Apple Juice	1297		26	Retail	33722
1077	4	Saturday, January 4, 2020	97402	Bangkok	Orange Juice	1317		29	Retail	38193
1078	4	Saturday, January 4, 2020	97402	Bangkok	Melon Juice	2724		31	Retail	84444
1084	5	Sunday, January 5, 2020	97402	Jakarta	Apple Juice	2308		26	Retail	60008
1085	5	Sunday, January 5, 2020	97402	Jakarta	Orange Juice	2168		29	Retail	62872
1086	5	Sunday, January 5, 2020	97402	Jakarta	Melon Juice	1898		31	Retail	58838
1087	5	Sunday, January 5, 2020	97402	Singapore	Apple Juice	745		26	Retail	19370
1088	5	Sunday, January 5, 2020	97402	Singapore	Orange Juice	449		29	Retail	13021
1089	5	Sunday, January 5, 2020	97402	Singapore	Melon Juice	2088		31	Retail	64728
1090	5	Sunday, January 5, 2020	97402	Bangkok	Apple Juice	1239		26	Retail	32214
1091	5	Sunday, January 5, 2020	97402	Bangkok	Orange Juice	1311		29	Retail	38019
1092	5	Sunday, January 5, 2020	97402	Bangkok	Melon Juice	2276		31	Retail	70556
1099	6	Monday, January 6, 2020	97402	Jakarta	Orange Juice	751		29	Retail	21779
1100	6	Monday, January 6, 2020	97402	Jakarta	Melon Juice	1194		31	Retail	37014
1101	6	Monday, January 6, 2020	97402	Singapore	Apple Juice	784		26	Retail	20384
1102	6	Monday, January 6, 2020	97402	Singapore	Orange Juice	484		29	Retail	14036
1103	6	Monday, January 6, 2020	97402	Singapore	Melon Juice	834		31	Retail	25854
1104	6	Monday, January 6, 2020	97402	Bangkok	Apple Juice	1343		26	Retail	34918
1105	6	Monday, January 6, 2020	97402	Bangkok	Orange Juice	1245		29	Retail	36105
1112	7	Tuesday, January 7, 2020	97402	Singapore	Apple Juice	760		26	Retail	19760
1113	7	Tuesday, January 7, 2020	97402	Singapore	Orange Juice	456		29	Retail	13224
1114	7	Tuesday, January 7, 2020	97402	Bangkok	Apple Juice	1121		26	Retail	29146
1115	7	Tuesday, January 7, 2020	97402	Bangkok	Orange Juice	1127		29	Retail	32683
1121	8	Wednesday, January 8, 2020	97402	Singapore	Apple Juice	737		26	Retail	19162

How to Create Charts in Power BI Dashboard

The screenshot shows the Power BI Desktop interface. The main workspace displays a table named '22926 CT_sales' with the following columns: client, date, day, id, location, price, product, revenue, teamid, tpe, and unit_sold. The Fields pane on the right shows the same table and columns. The Properties pane on the right shows the 'client' column selected, with the following settings: Name: client, Synonyms: client, Description: Enter a description, Display folder: Enter the display folder, Is hidden: Off, Data type: Text, and Format: Text.

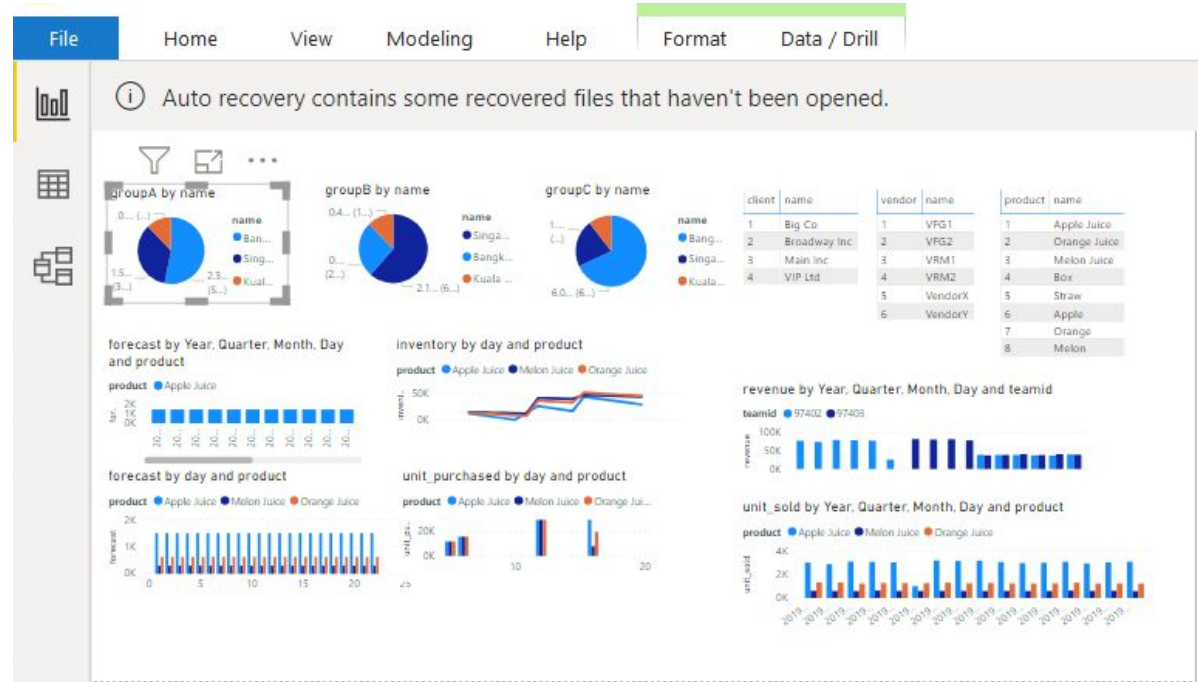
Click here to show the model or change the data type

How to Create Charts in Power BI Dashboard

EXERCISE :

Create some Charts for :

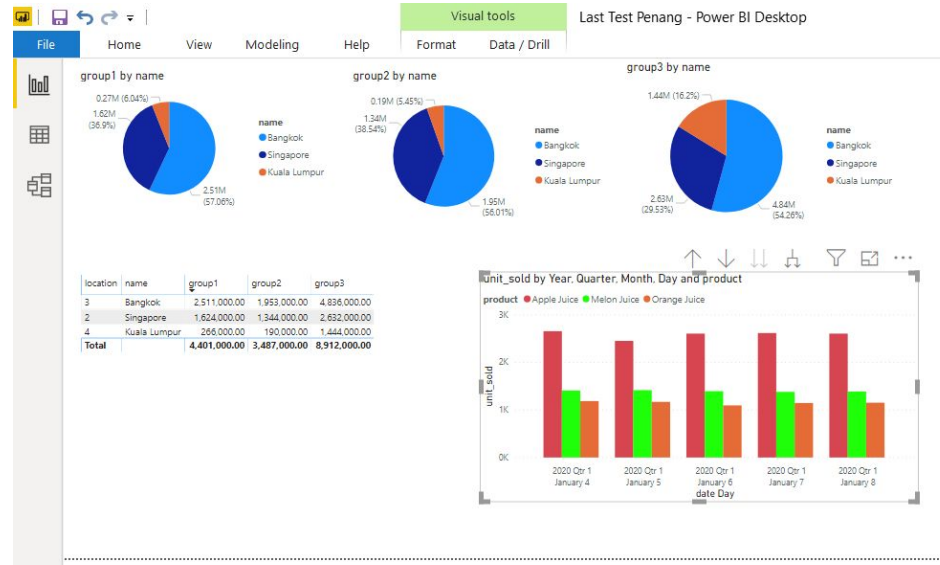
1. COM_Forecast
2. COM_Location
3. CT_Inventory
4. CT_Sales
5.



How to Create Charts in Power BI Dashboard

Compare and analyze between 1 chart to another

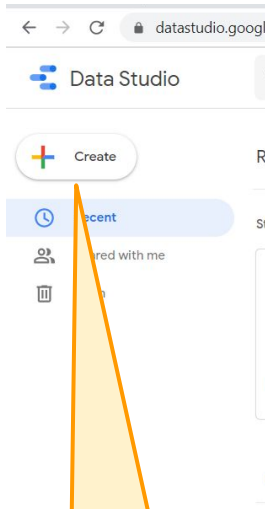
Ex : Group Chart and Unit Sold Chart



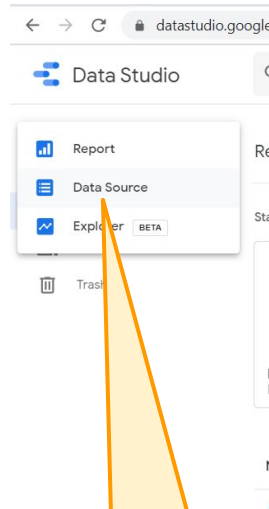
How to Connect MonsoonSIM Table to Data Studio

How to Connect MonsoonSIM Table to Data Studio

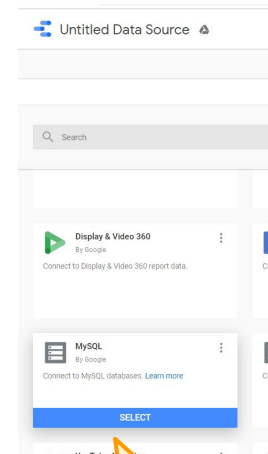
<https://datastudio.google.com/>



1. Click Create




2. Click Data Source




3. Choose MySQL then click Select

How to Connect MonsoonSIM Table to Data Studio

Untitled Data Source 

← SELECT CONNECTOR

 **MySQL**
By Google

MySQL is one of the world's most popular open source data MySQL databases within Data Studio.

[LEARN MORE](#) [REPORT AN ISSUE](#)

BASIC

Database Authentication


Host Name or IP
52.74.75.79

Port (Optional)
22926

Database
22926

Username
CT22926

Password
.....

Enable SSL 

AUTHENTICATE

1. Fill all host, Database, Username and Password

2. Click Authenticate

How to Connect MonsoonSIM Table to Data Studio

1. Choose only one table

Field editing in reports: On **CONNECT**

← SELECT CONNECTOR

MySQL
By Google

MySQL is one of the world's most popular open source data... The MySQL connector allows you to access data from MySQL databases within Data Studio.

[LEARN MORE](#) [REPORT AN ISSUE](#)

BASIC	Database Authentication	TABLES	Table
JDBC URL	Host Name or IP 52.74.75.79	CUSTOM QUERY	COM_location
	Port (Optional) Database 22926		COM_client
	Username CT22926		COM_forecast_retail
	Password		COM_product
	<input type="checkbox"/> Enable SSL ?		COM_vendor
	AUTHENTICATE		CT_inventory
			CT_marketing
			CT_procurement
			CT_sales

2. Click Connect

How to Connect MonsoonSIM Table to Data Studio

1. Look at the data

Data credentials: Owner | Data freshness: 12 hours | Community visualizations access: Off | Field editing in reports: On

CREATE REPORT EXPLORE

← EDIT CONNECTION

ADD A FIELD

We've improved how dimensions and metrics work. You may see some changes, but no action is required on your part. [Learn more](#)

Index	Field	Type	Default Aggregation	Description
1	client	ABC Text	None	
2	date	Date (YYYYMMDD)	None	
3	day	123 Number	Sum	
4	id	123 Number	Sum	
5	location	ABC Text	None	
6	price	123 Number	None	
7	product	ABC Text	None	
8	revenue	123 Number	Sum	
9	teamid	123 Number	Sum	
10	tpe	ABC Text	None	
11	unit_sold	123 Numeric		
12	Record Count	ABC Text		

Number

Percent

Duration (sec.)

Date & Time

Boolean

Geo

Currency

URL

12 / 12 Fields

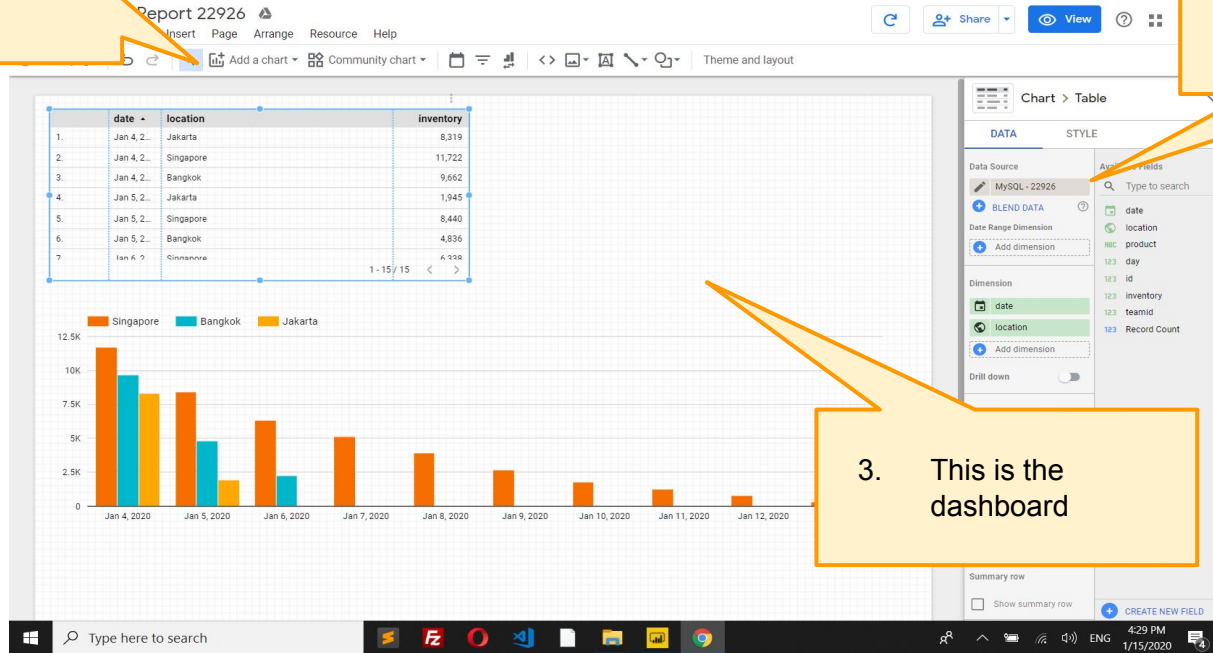
2. Click here if you want to change the type (ex: text to number)

3. Click here to create Report

How to Connect MonsoonSIM Table to Data Studio

1. Click here to add new chart

2. This are to set the dimension (X axis) and metric (Y axis)



3. This is the dashboard





How to Connect MonsoonSIM Table to Data Studio

EXERCISE

1. Create MonsoonSIM V8
2. Create chart in Google Data Studio for CT_Sales Table
3. Free explore

Thank You!

Click the followings to learn more..

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	Like MonsoonSIM Page and share your experiences with our community	https://www.facebook.com/monsoonsim/
	Follow MonsoonSIM Page and share your experiences with our community	https://twitter.com/monsoonsim