


FETCHING THE DATA SET USING API:

 **kaggle API fetching.ipynb** ☆

File Edit View Insert Runtime Tools Help [All changes saved](#)

Files

sample_data

Global_Superstore2.csv

Global_Superstore2.xlsx

global-super-store-dataset.zip

kaggle.json

+ Code + Text

RAM Disk

 Editing

[8] !pip install -q kaggle

[9] !mkdir ~/.kaggle
mkdir: cannot create directory '/root/.kaggle': File exists

[10] !cp kaggle.json ~/.kaggle

[11] !kaggle datasets download -d apoorvaappz/global-super-store-dataset
Warning: Your Kaggle API key is readable by other users on this system! To fix this, you can run 'chmod 600 /root/.kaggle.json'.
global-super-store-dataset.zip: Skipping, found more recently modified local copy (use --force to force download)

↑ ↓ ↻ ⚙ 📄 🗑 ⋮

[12] !unzip /content/global-super-store-dataset.zip
Archive: /content/global-super-store-dataset.zip
replace Global_Superstore2.csv? [y]es, [n]o, [A]ll, [N]one, [r]ename: A
inflating: Global_Superstore2.csv
inflating: Global_Superstore2.xlsx

<>

Disk 85.13 GB available

21s completed at 10:03 AM

DATASET:

Global Superstore2 - Excel

FileHomeInsertPage LayoutFormulasDataReviewViewHelpTell me what you want to do

CutCopyFormat PainterClipboard

Calibri11A^A

B**I**UFont Merge & Center

GeneralNumberStylesCellsEditing

Conditional FormattingFormat as TableCell StylesInsertDeleteFormatAutoSumFillClearSort & FilterFind & Select

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer Segment	City	State	Country		Postal Code	Market	Region	Product ID	Category	Sub-Category	Product Name	Sales
2	32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansi Consumer	New York	New York	United States		10024	US	East	TEC-AC-10003033	Technology	Accessories	Plantronics CS510 - Over-the-Head Headset	2309.65
3	26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritt Corporate	Wollongong	New South Wales	Australia			APAC	Oceania	FUR-CH-10003950	Furniture	Chairs	Novimex Executive Leather Armchair	3709.395
4	25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reith Consumer	Brisbane	Queensland	Australia			APAC	Oceania	TEC-PH-10004664	Technology	Phones	Nokia Smart Phone, with Caller ID	5175.171
5	13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine Home Off	Berlin	Berlin	Germany			EU	Central	TEC-PH-10004583	Technology	Phones	Motorola Smart Phone, Cordless	2892.51
6	47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansi Consumer	Dakar	Dakar	Senegal			Africa	Africa	TEC-SHA-10000501	Technology	Copiers	Sharp Wireless Fax, High-Speed	2832.96
7	22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitche Corporate	Sydney	New South Wales	Australia			APAC	Oceania	TEC-PH-10000030	Technology	Phones	Samsung Smart Phone, with Caller ID	2862.675
8	30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swin Consumer	Porirua	Wellington	New Zealand			APAC	Oceania	FUR-CH-10004050	Furniture	Chairs	Novimex Executive Leather Armchair	1822.08
9	31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brier Consumer	Hamilton	Waikato	New Zealand			APAC	Oceania	FUR-TA-10002958	Furniture	Tables	Chromcraft Conference Table, Fully Assembled	5244.84
10	40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Wack Corporate	Sacramento	California	United States		95823	US	West	OFF-BI-10003527	Office Supplies	Binders	Fellowes PB500 Electric Punch Pad	5083.96
11	40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Hc Consumer	Concord	North Carolina	United States		28027	US	South	FUR-TA-10000198	Furniture	Tables	Chromcraft Bull-Nose Wood Oval Conference Table	4297.644
12	34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Maxi Corporate	Alexandria	Virginia	United States		22304	US	South	OFF-SU-10002881	Office Supplies	Supplies	Martin Yale Chadless Opener Electronic	4164.05
13	28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony J Corporate	Kabul	Kabul	Afghanistan			APAC	Central Asia	FUR-TA-10001889	Furniture	Tables	Bevis Conference Table, Fully Assembled	4626.15
14	45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdalen Consumer	Jizan	Jazan	Saudi Arabia			EMEA	EMEA	TEC-CIS-1001717	Technology	Phones	Cisco Smart Phone, with Caller ID	2616.96
15	4132	MX-2012-130015	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Frey Home Off	Toledo	Parana	Brazil			LATAM	South	FUR-CH-10002033	Furniture	Chairs	Harbour Creations Executive Leather Chair	2221.8
16	27704	IN-2013-73951	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Full Consumer	Mudanjiang	Heilongjiang	China			EU	North Asia	OFF-AP-10003500	Office Supplies	Appliances	KitchenAid Microwave, White	3701.52
17	13779	ES-2014-5099955	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Peter Corporate	Paris	Ile-de-France	France			EU	Central	OFF-AP-10000423	Office Supplies	Appliances	Breville Refrigerator, Red	1869.588
18	36178	CA-2014-143567	03-11-2014	06-11-2014	Second Class	TB-21175	Thomas Bi Corporate	Henderson	Kentucky	United States		42420	US	South	TEC-AC-10004145	Technology	Accessories	Logitech diNovo Edge Keyboard	2249.91
19	12069	ES-2014-1651774	08-09-2014	14-09-2014	Standard Class	PJ-18835	Patrick Joy Corporate	Prato	Tuscany	Italy			EU	South	OFF-AP-10004512	Office Supplies	Appliances	Hoover Stove, Red	7958.58
20	22096	IN-2014-11763	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sink Corporate	Townsville	Queensland	Australia			APAC	Oceania	TEC-CO-10000865	Technology	Copiers	Brother Fax Machine, High-Speed	2565.594
21	494																		

LOGIN INTO THE IBM COGNOS ANALYTICS ACCOUNT :

(3) WhatsApp

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IBM-Project-32639-1660211138/

myibm.ibm.com/dashboard/

My IBMProfileBilling


IBMId: ramachandranst10@gmail.com

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Trials

1 Offering

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Cognos Analytics on Cloud Trial for Students

Active
Expires on 1 Sept 2023

Launch




Manage

Let IBM provide you technology and business solutions to fit your needs




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UPLOADING DATASET IN IBM DB2:

IBM Cloud

Search resources and products...

Catalog

Manage

KAVISURYA V's Account

Dashboard

Edit dashboard

Upgrade account

Create resource

For you

Select an option

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text

Deploy a conversational interface compatible with any application, device, or channel.

Getting started

15 min

Get Started with Watson Studio

Get started with using AI and Cloud Object Storage in 15 minutes.

Popular

2 hr

Build a Virtual Private Cloud (VPC)

Upgrade to a paid account to create your own protected space in the IBM Cloud.

Getting started

7 min

Build a virtual machine

Lift and shift your VMware workloads to the IBM Cloud.

Getting started

7 min

App Cor

Instantl applicat systems

>

App Cor

Recom

User access

Manage users

Enter email addresses below to jump directly into the invite user setup:

Enter up to 100 email addresses

News

View all

WebSphere Application Server Support Restatement

IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco

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IBM Tech Now: November 7, 2022

Planned maintenance

View all



Catalog



Category



Viewing 206 products

Alphabetically ▾



★ Recommended products (6)

☰ Compute (30)

☐ Containers (9)

🌐 Networking (30)

📁 Storage (20)

🧠 AI / Machine Learning (17)

📈 Analytics (10)

🔗 Blockchain (1)

🗄️ Databases (28)

🔧 Developer tools (25)

📊 Logging and monitoring (3)



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Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your application.

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By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported



API Connect

By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises...

Lite • Free • EU Supported • IAM-enabled • IBM supported





Catalog /

Db2

A fully managed, highly-performant relational data store running the enterprise-class Db2 database engine.

Create

About

Type
Service

Provider
IBM

Last updated
11/10/2022

Category
Databases

Compliance
EU Supported
HIPAA Enabled
IAM-enabled

Location
Sydney
Frankfurt
London
Dallas
Sao Paulo
Toronto
Tokyo
Milan 01
Montreal 01

Select a location

Dallas (us-south)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [India](#)

Plan	Features	Pricing
Lite	200 MB of data storage 5 simultaneous connections Shared multitenant system	Free
<p>The Free plan provides a free Db2 service for development and evaluation. The plan has a set amount of limitations as shown. You can continue using the free plan for as long as needed, however, users are asked to re-extend their free account every 90 days by email. If you do not re-extend, your free account is cleaned out a further 90 days later. This helps provide free resources for everyone.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>		

Summary

Db2

Free

Location: Dallas

Plan: Lite

Service name: Db2-yv

Resource group: Default

☒ I have read and agree to the following license agreements:
[Terms](#)










Create

Add to estimate



Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
 Filter by name or IP address...	Filter by group or org... 	Filter... 	 Filter...	 Filter...	Filter... 
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (1)					
 Db2-xa	Default	Dallas	Db2	 Active	— 
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (0)					
Security (0)					
Mobile (0)					



[Resource list](#) /

Db2-xa  Active

Add tags 

[Details](#)

Actions... 

Manage

- Getting started
- Service credentials
- Connections

Getting started

Where can I find my credentials?
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

Go to UI 

Getting started docs

Need help?

Submit a IBM Cloud Support Case to our team.

Support case



- Manage
- Getting started
- Service credentials
- Connections

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential

Key name	Date created
<div>Service credentials-1</div> <div><pre>{ "connection": { "cli": { "arguments": ["-u", "mqh00110", "-p", "AtCoLraUZi4UTnhy", "--ssl", "--sslCAFile", "1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8", "--authenticationDatabase", "admin", "--host", "ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lqde00.databases.appdomain.cloud:31321"] }, "bin": "db2", "certificate": { "certificate base64": "LS0tLS1CRUdJTiBDRVJUSUZJQ0FURSB0tLS0tCk1JSURFakNDQWZxZ0F3SUJBZ01KOVV1S0R3ZTN" } } }</pre></div>	2022-11-13 6:18 AM



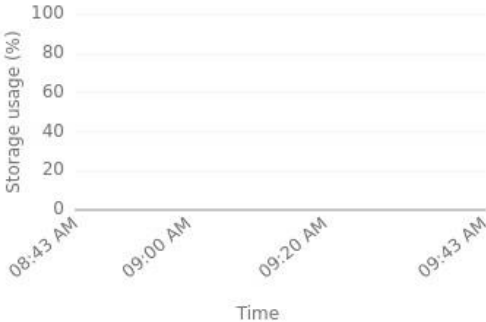
SQL



Resource usage

Last 1 hour ▾

Storage (0M / 0M)
current value



SELECTING THE SOURCE FILE:

IBM Db2 on Cloud

SQL

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Source

Target

Define

Finalize

You are loading the file **Global_Superstore2.csv**

My Computer

A single delimited text file (CSV) without header row.

S3 Amazon S3

Cloud Object Storage

File selection

Drag a file here or browse files

Selected file

Global Superstore2.csv

Next

**Load Data**

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SQL

 Source Target Define FinalizeYou are loading the file **Global_Superstore2.csv** into **MQH00110.SAL**

Select a load target

Refresh 

Schema

 Find schemasMQH00110 

Table

New table +

 Find tables in MQH00110

DIA

SAL 

Table definition

SAL Approximate -1.0 rows (-1.0 KB)
Updated on Invalid Date

overwrite_option

☒ Append new data☐ Overwrite table with new data

COLUMN NAME	DATA TYPE	NULLABLE
ROW_ID	INTEGER	Y
ORDER_ID	VARCHAR	Y
ORDER_DATE	VARCHAR	Y
SHIP_DATE	VARCHAR	Y

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Next

**Load Data**

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SQL



 Source Target Define Finalize

You are loading the file **Global_Superstore2.csv** into **MQH00110.SALE1**

Select a load target

Refresh 

Schema

 Find schemasMQH00110 

Table

[New table](#) + Find tables in MQH00110SALE1 

DIA

SAL

Table definition

SALE1

No statistics available

Specify the table columns in the next step.

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Next



Load Data

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SQL

☒ Source☒ Target☒ Define☐ FinalizeYou are loading the file **Global_Superstore2.csv** into **MQH00110.SALE1**Code page
(character
encoding):

1208 (UTF-8)



Separator: ,

Header in first row: ☒Time & date
format: ☒Detect data types: ☐

COLUMN_0

COLUMN_1

1	32298	CA-2012-124891
2	26341	IN-2013-77878
3	25330	IN-2013-71249
4	13524	ES-2013-1579342
5	47221	SG-2013-4320
6	22732	IN-2013-42360
7	30570	IN-2011-81826
8	31192	IN-2012-86369
9	40155	CA-2014-135909
10	40936	CA-2012-116638

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SQL

☒ Source☒ Target☒ Define☒ Finalize*You are loading the file **Global_Superstore2.csv** into **MQH00110.SALE1***

Review settings

Summary

Code page: 1208 (Default)

Separator: , (Default)

Time format: HH:MM:SS (Default)

Date format: YYYY-MM-DD (Default)

Timestamp format: YYYY-MM-DD HH:MM:SS (Default)

String delimiter: (Default)

Option

Maximum number of warnings

1000



Back

Begin Load

**Load Data**

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Load details

SQL



CREATING

My computer

Global_Superstore2.csv

Target

MQH00110.SALE1

View Table

Load More Data

Status

Settings

Creating

Did you know?

Changes that you make to statements in the SQL editor can be exported to a text file that you can import later.

- 1 Auto-create table
- 2 Upload
- 3 Load data
- 4 Complete

Errors **0**Warnings **0**

Available after load is finished





SQL



Data objects

Saved objects



MQH00110

Tables

DIA

SAL

Views

MQTs

Aliases

Nicknames

* Untitled - 1



1 select * from sal;

History

Results

Result set 1

Details

Truncated number of records:462



ROW_ID	ORDER_ID	ORDER_DATE	SHIP_DATE	SHIP_MODE	CUSTOMER_ID	CUSTOMER_I
32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen
26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritter
25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reiter
13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine Mu
47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansen
22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitchum
30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swindel

Items per page: 50

1-50 of 462 items

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