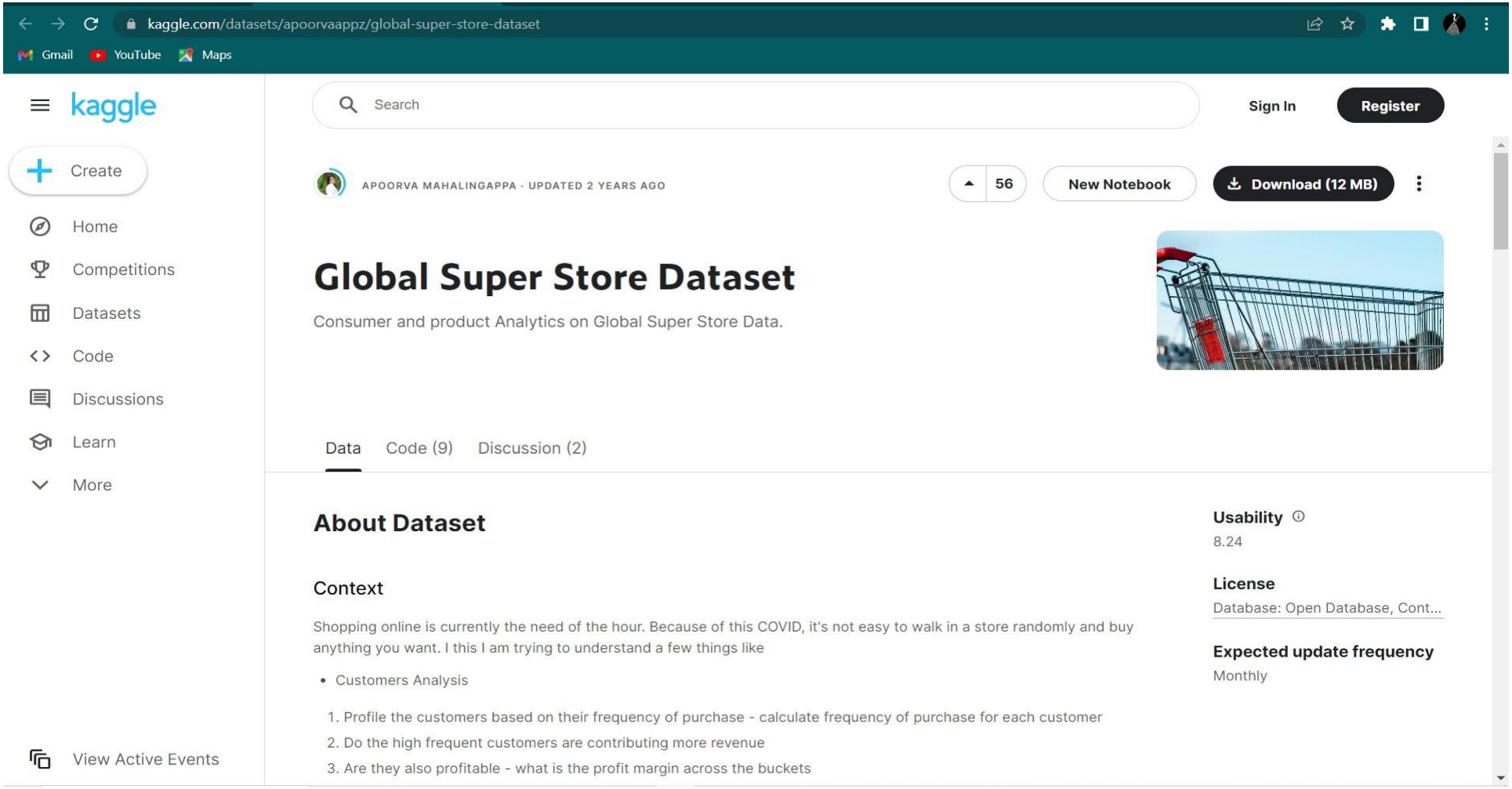
PROJECT DEVELOPMENT PHASE

Delivery of Sprint-1

Team ID	PNT2022TMID08923
Project Name	Global Sales Data Analytics

DATA SET FROM THE KAGGLE :



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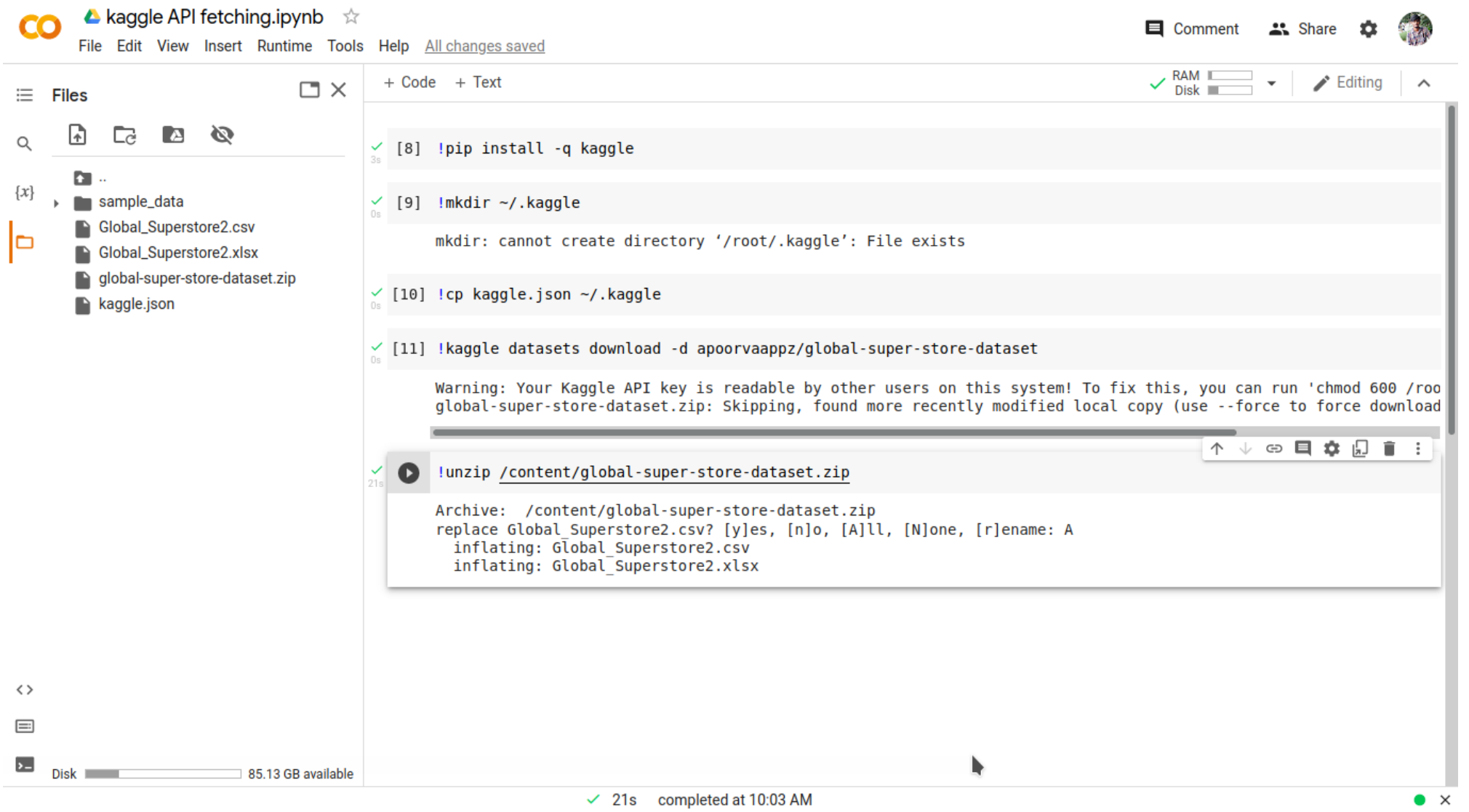
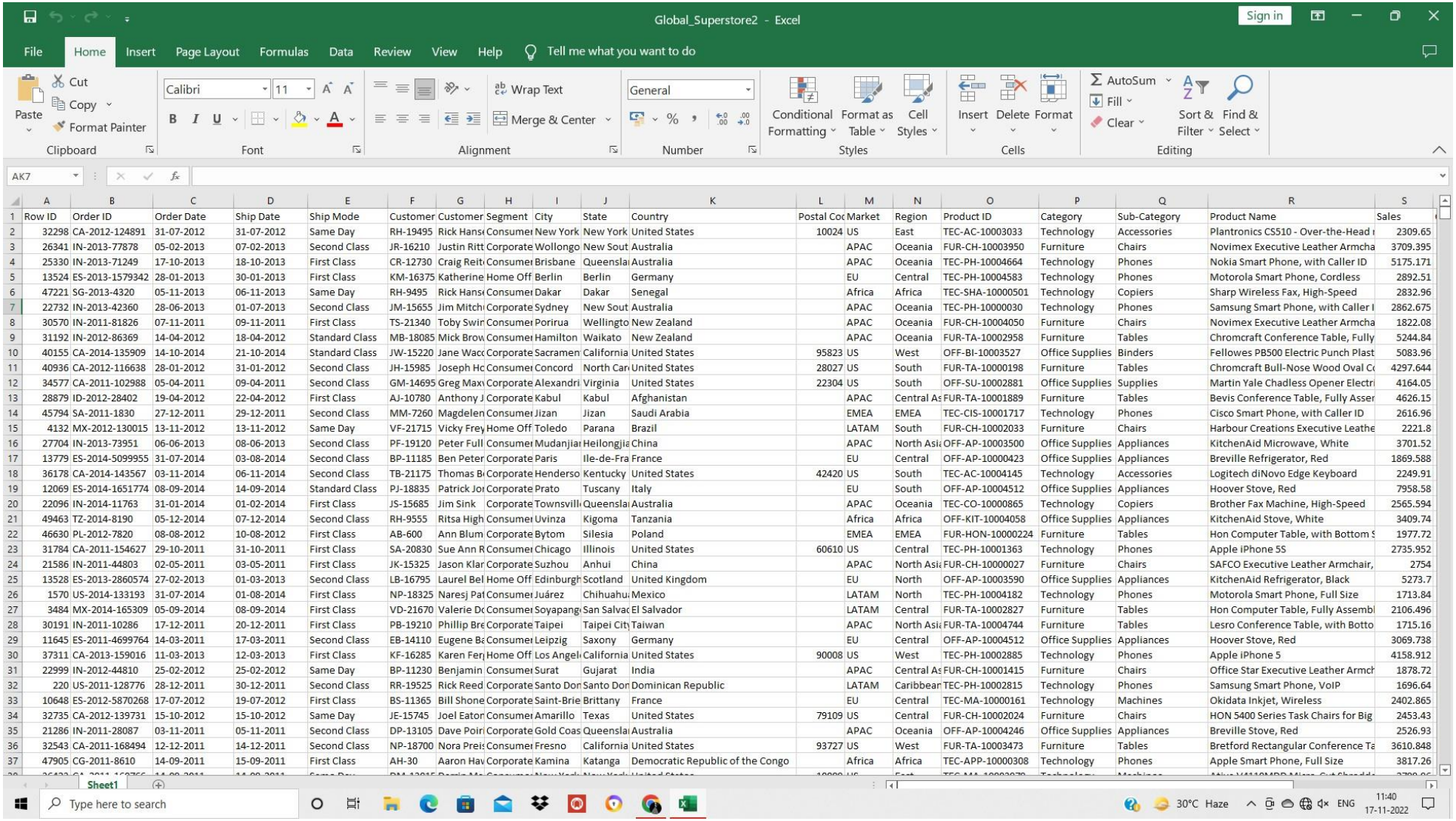


DATASET:



Global_Superstore2 - Excel

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer	Segment	City	State	Country	Postal Cod	Market	Region	Product ID	Category	Sub-Category	Product Name	Sales
32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hans	Consumer	New York	New York	United States	10024	US	East	TEC-AC-10003033	Technology	Accessories	Plantronics CS510 - Over-the-Head	2309.65
26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritt	Corporate	Wollongo	New Sout	Australia		APAC	Oceania	FUR-CH-10003950	Furniture	Chairs	Novimex Executive Leather Armcha	3709.395
25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reit	Consumer	Brisbane	Queensla	Australia		APAC	Oceania	TEC-PH-10004664	Technology	Phones	Nokia Smart Phone, with Caller ID	5175.171
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
47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hans	Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-10000501	Technology	Copiers	Sharp Wireless Fax, High-Speed	2832.96
22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitch	Corporate	Sydney	New Sout	Australia		APAC	Oceania	TEC-PH-10000030	Technology	Phones	Samsung Smart Phone, with Caller I	2862.675
30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swir	Consumer	Porirua	Wellingto	New Zealand		APAC	Oceania	FUR-CH-10004050	Furniture	Chairs	Novimex Executive Leather Armcha	1822.08
31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brow	Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TA-10002958	Furniture	Tables	Chromcraft Conference Table, Fully	5244.84
40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Wacc	Corporate	Sacramen	California	United States	95823	US	West	OFF-BI-10003527	Office Supplies	Binders	Fellowes PB500 Electric Punch Plast	5083.96
40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Hc	Consumer	Concord	North Car	United States	28027	US	South	FUR-TA-10000198	Furniture	Tables	Chromcraft Bull-Nose Wood Oval C	4297.644
34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Max	Corporate	Alexandri	Virginia	United States	22304	US	South	OFF-SU-10002881	Office Supplies	Supplies	Martin Yale Chadless Opener Electri	4164.05
28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony J	Corporate	Kabul	Kabul	Afghanistan		APAC	Central As	FUR-TA-10001889	Furniture	Tables	Bevis Conference Table, Fully Asser	4626.15
45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelen	Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-10001717	Technology	Phones	Cisco Smart Phone, with Caller ID	2616.96
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 Leathe	2221.8
27704	IN-2013-73951	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Full	Consumer	Mudanjiar	Heilongjia	China		APAC	North Asi	OFF-AP-10003500	Office Supplies	Appliances	KitchenAid Microwave, White	3701.52
13779	ES-2014-5099955	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Peter	Corporate	Paris	Ile-de-Fra	France		EU	Central	OFF-AP-10000423	Office Supplies	Appliances	Breville Refrigerator, Red	1869.588
36178	CA-2014-143567	03-11-2014	06-11-2014	Second Class	TB-21175	Thomas B	Corporate	Henderso	Kentucky	United States	42420	US	South	TEC-AC-10004145	Technology	Accessories	Logitech diNovo Edge Keyboard	2249.91
12069	ES-2014-1651774	08-09-2014	14-09-2014	Standard Class	PJ-18835	Patrick Jo	Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-10004512	Office Supplies	Appliances	Hoover Stove, Red	7958.58
22096	IN-2014-11763	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sink	Corporate	Townsvill	Queensla	Australia		APAC	Oceania	TEC-CO-10000865	Technology	Copiers	Brother Fax Machine, High-Speed	2565.594
49463	TZ-2014-8190	05-12-2014	07-12-2014	Second Class	RH-9555	Ritsa High	Consumer	Uvinza	Kigoma	Tanzania		Africa	Africa	OFF-KIT-10004058	Office Supplies	Appliances	KitchenAid Stove, White	3409.74
46630	PL-2012-7820	08-08-2012	10-08-2012	First Class	AB-600	Ann Blum	Corporate	Bytom	Silesia	Poland		EMEA	EMEA	FUR-HON-10000224	Furniture	Tables	Hon Computer Table, with Bottom S	1977.72
31784	CA-2011-154627	29-10-2011	31-10-2011	First Class	SA-20830	Sue Ann R	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-10001363	Technology	Phones	Apple iPhone 5S	2735.952
21586	IN-2011-44803	02-05-2011	03-05-2011	First Class	JK-15325	Jason Klar	Corporate	Suzhou	Anhui	China		APAC	North Asi	FUR-CH-10000027	Furniture	Chairs	SAFCO Executive Leather Armchair,	2754
13528	ES-2013-2860574	27-02-2013	01-03-2013	Second Class	LB-16795	Laurel Bel	Home Off	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-10003590	Office Supplies	Appliances	KitchenAid Refrigerator, Black	5273.7
1570	US-2014-133193	31-07-2014	01-08-2014	First Class	NP-18325	Naresj Pat	Consumer	Juárez	Chihuahu	Mexico		LATAM	North	TEC-PH-10004182	Technology	Phones	Motorola Smart Phone, Full Size	1713.84
3484	MX-2014-165309	05-09-2014	08-09-2014	First Class	VD-21670	Valerie Dc	Consumer	Soyapang	San Salvac	El Salvador		LATAM	Central	FUR-TA-10002827	Furniture	Tables	Hon Computer Table, Fully Assembl	2106.496
30191	IN-2011-10286	17-12-2011	20-12-2011	First Class	PB-19210	Phillip Bre	Corporate	Taipei	Taipei Cit	Taiwan		APAC	North Asi	FUR-TA-10004744	Furniture	Tables	Lesro Conference Table, with Botto	1715.16
11645	ES-2011-4699764	14-03-2011	17-03-2011	Second Class	EB-14110	Eugene Ba	Consumer	Leipzig	Saxony	Germany		EU	Central	OFF-AP-10004512	Office Supplies	Appliances	Hoover Stove, Red	3069.738
37311	CA-2013-159016	11-03-2013	12-03-2013	First Class	KF-16285	Karen Fer	Home Off	Los Angel	California	United States	90008	US	West	TEC-PH-10002885	Technology	Phones	Apple iPhone 5	4158.912
22999	IN-2012-44810	25-02-2012	25-02-2012	Same Day	BP-11230	Benjamin	Consumer	Surat	Gujarat	India		APAC	Central As	FUR-CH-10001415	Furniture	Chairs	Office Star Executive Leather Armch	1878.72
220	US-2011-128776	28-12-2011	30-12-2011	Second Class	RR-19525	Rick Reed	Corporate	Santo Dor	Santo Dor	Dominican Republic		LATAM	Caribbear	TEC-PH-10002815	Technology	Phones	Samsung Smart Phone, VoIP	1696.64
10648	ES-2012-5870268	17-07-2012	19-07-2012	First Class	BS-11365	Bill Shone	Corporate	Saint-Brie	Brittany	France		EU	Central	TEC-MA-10000161	Technology	Machines	Okidata Inkjet, Wireless	2402.865
32735	CA-2012-139731	15-10-2012	15-10-2012	Same Day	JE-15745	Joel Eator	Consumer	Amarillo	Texas	United States	79109	US	Central	FUR-CH-10002024	Furniture	Chairs	HON 5400 Series Task Chairs for Big	2453.43
21286	IN-2011-28087	03-11-2011	05-11-2011	Second Class	DP-13105	Dave Poir	Corporate	Gold Coas	Queensla	Australia		APAC	Oceania	OFF-AP-10004246	Office Supplies	Appliances	Breville Stove, Red	2526.93
32543	CA-2011-168494	12-12-2011	14-12-2011	Second Class	NP-18700	Nora Preis	Consumer	Fresno	California	United States	93727	US	West	FUR-TA-10003473	Furniture	Tables	Bretford Rectangular Conference Ta	3610.848
47905	CG-2011-8610	14-09-2011	15-09-2011	First Class	AH-30	Aaron Hav	Corporate	Kamina	Katanga	Democratic Republic of the Congo		Africa	Africa	TEC-APP-10000308	Technology	Phones	Apple Smart Phone, Full Size	3817.26

Sheet1

Type here to search

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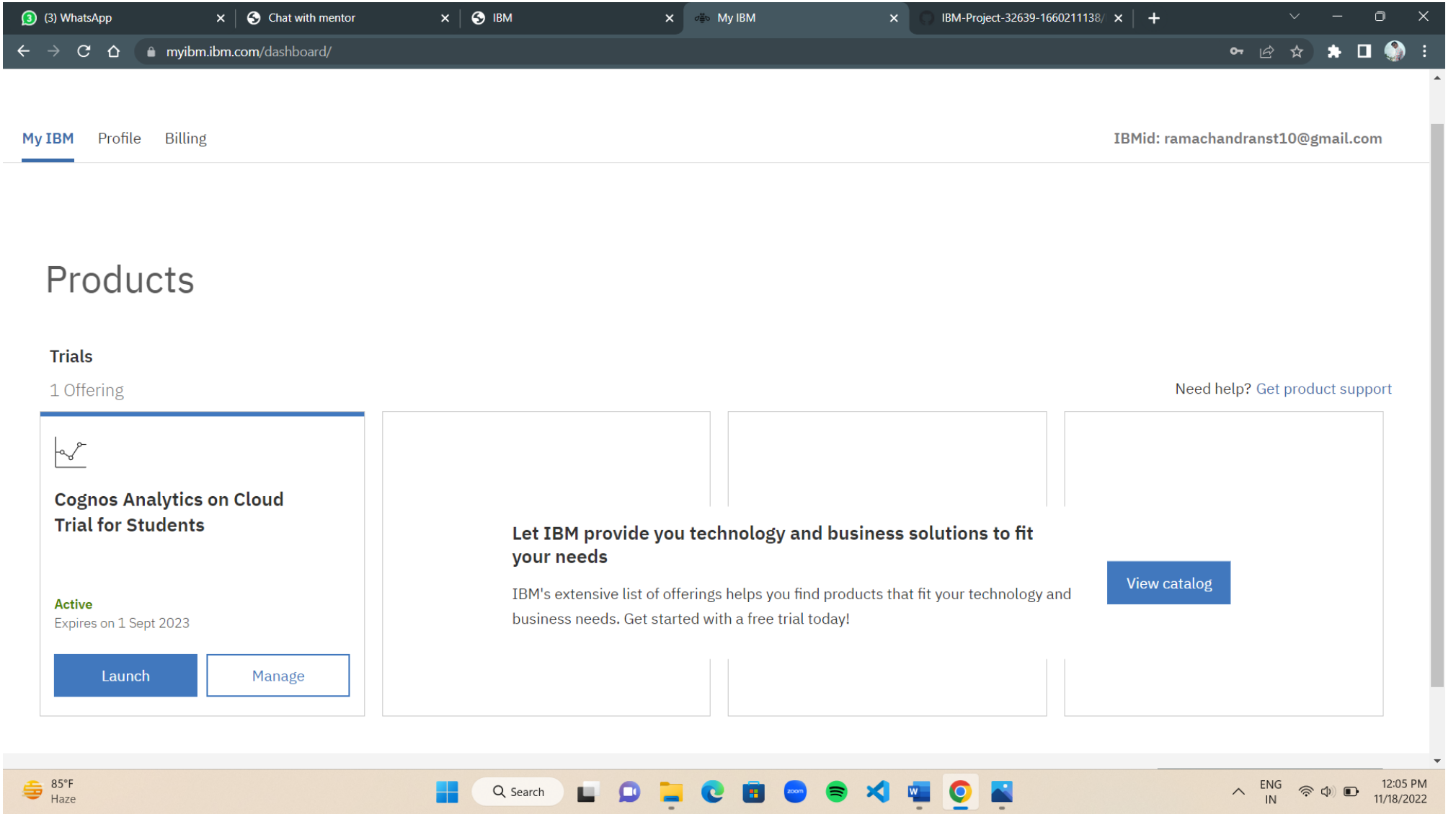
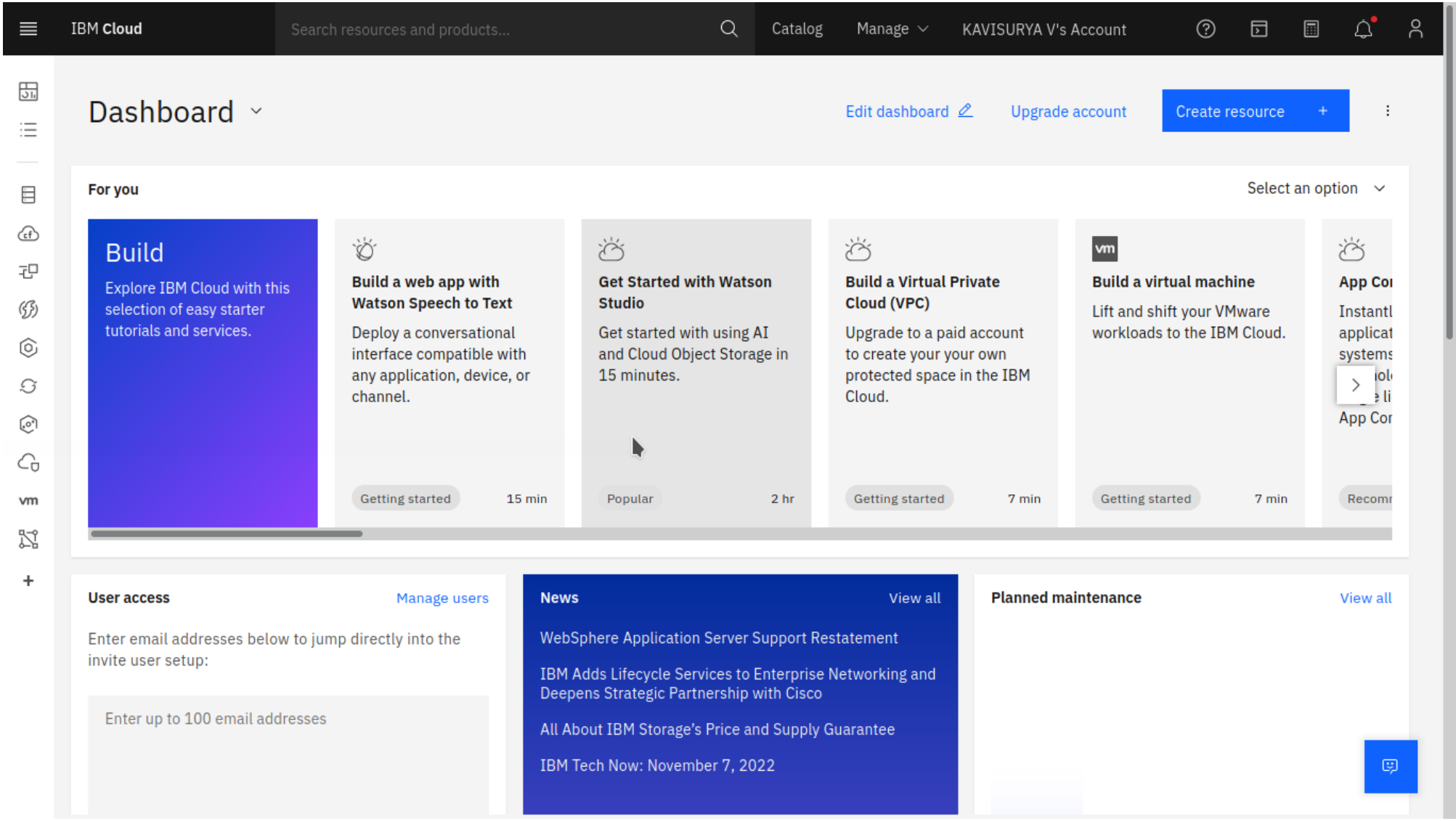
11:40

17-11-2022

LOGIN INTO THE IBM COGNOS ANALYTICS ACCOUNT :



UPLOADING DATASET IN IBM DB2:



IBM Cloud | Search resources and products... | Catalog | Manage | KAVISURYA V's Account

Sell on IBM Cloud | Catalog settings

Catalog

Search the catalog...

Category

- 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)

Viewing 206 products

Alphabetically

Analytics Engine
By IBM

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

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

AnonTech ViziVault Platform
By Anon Technology, Inc.

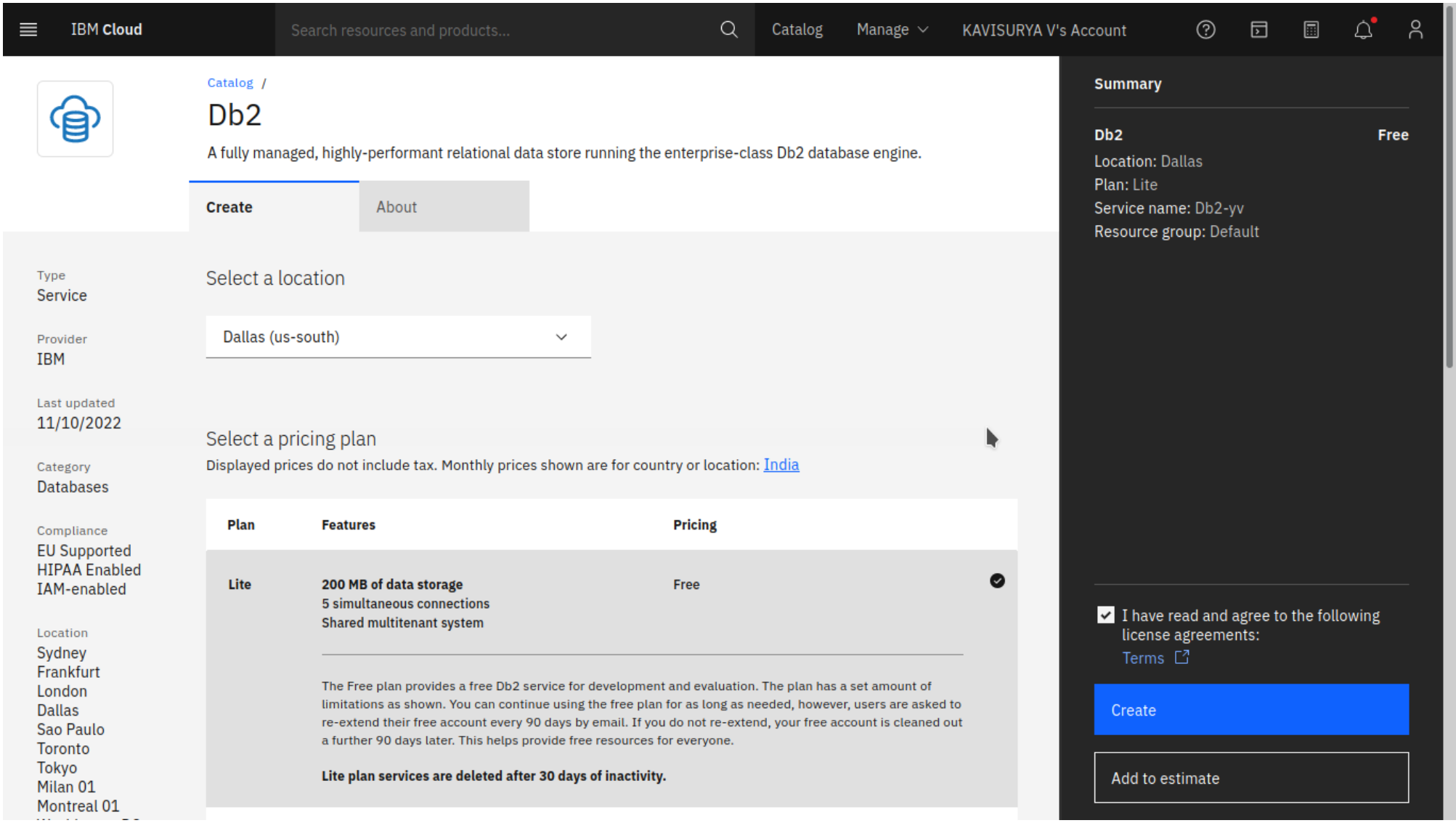
Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

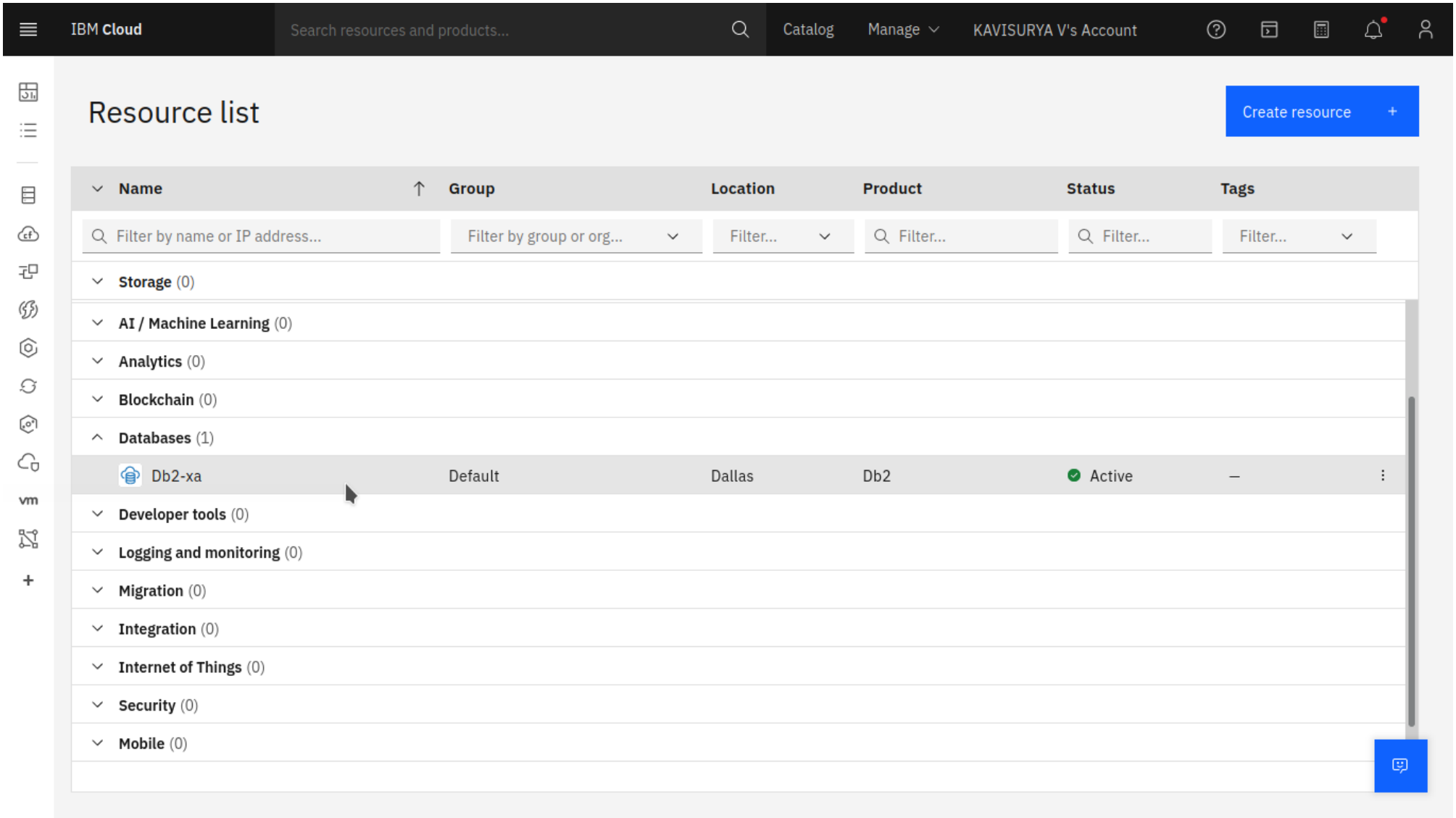
Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported

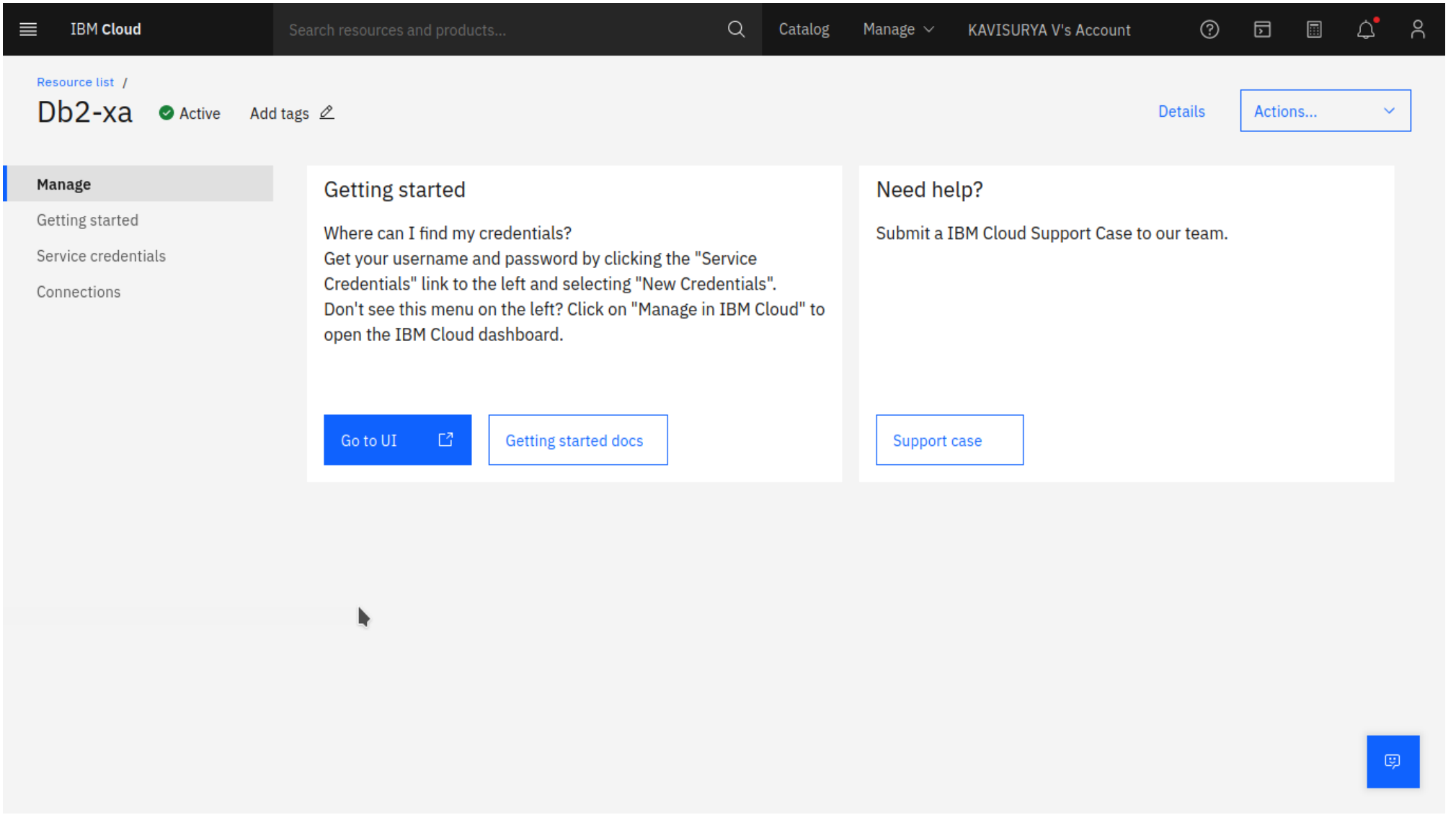
API Connect
By IBM

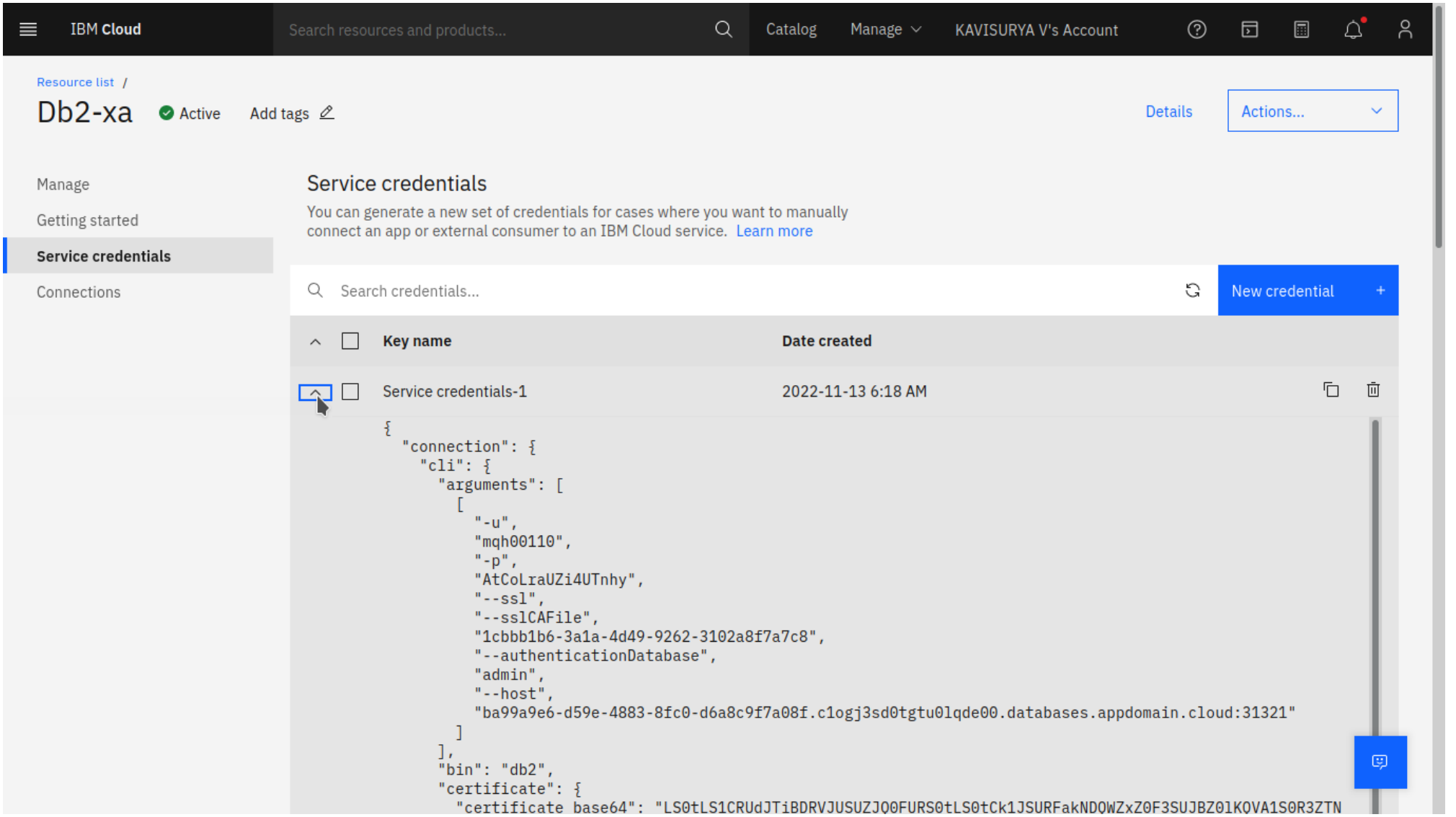
An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises...

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


IBM Cloud
Search resources and products...
Catalog
Manage
KAVISURYA V's Account
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
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.
Lite plan services are deleted after 30 days of inactivity.
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


IBM Cloud
Search resources and products...
Catalog
Manage
KAVISURYA V's Account
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)


IBM Cloud
Search resources and products...
Catalog
Manage
KAVISURYA V's Account
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


IBM Cloud
Search resources and products...
Catalog
Manage
KAVISURYA V's Account
Resource list /
Db2-xa
Active
Add tags
Details
Actions...
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
Service credentials-1
2022-11-13 6:18 AM
{
"connection": {
"cli": {
"arguments": [
[
"-u",
"mqh00110",
"-p",
"AtCoLraUZi4UTnhy",
"--ssl",
"--sslCAFile",
"1cbbb1b6-3a1a-4d49-9262-3102a8f7a7c8",
"--authenticationDatabase",
"admin",
"--host",
"ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:31321"
]
],
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"certificate": {
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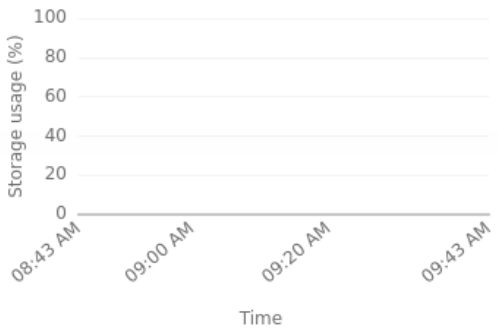
IBM **Db2 on Cloud**

Overview In-flight executions Connections Table performance

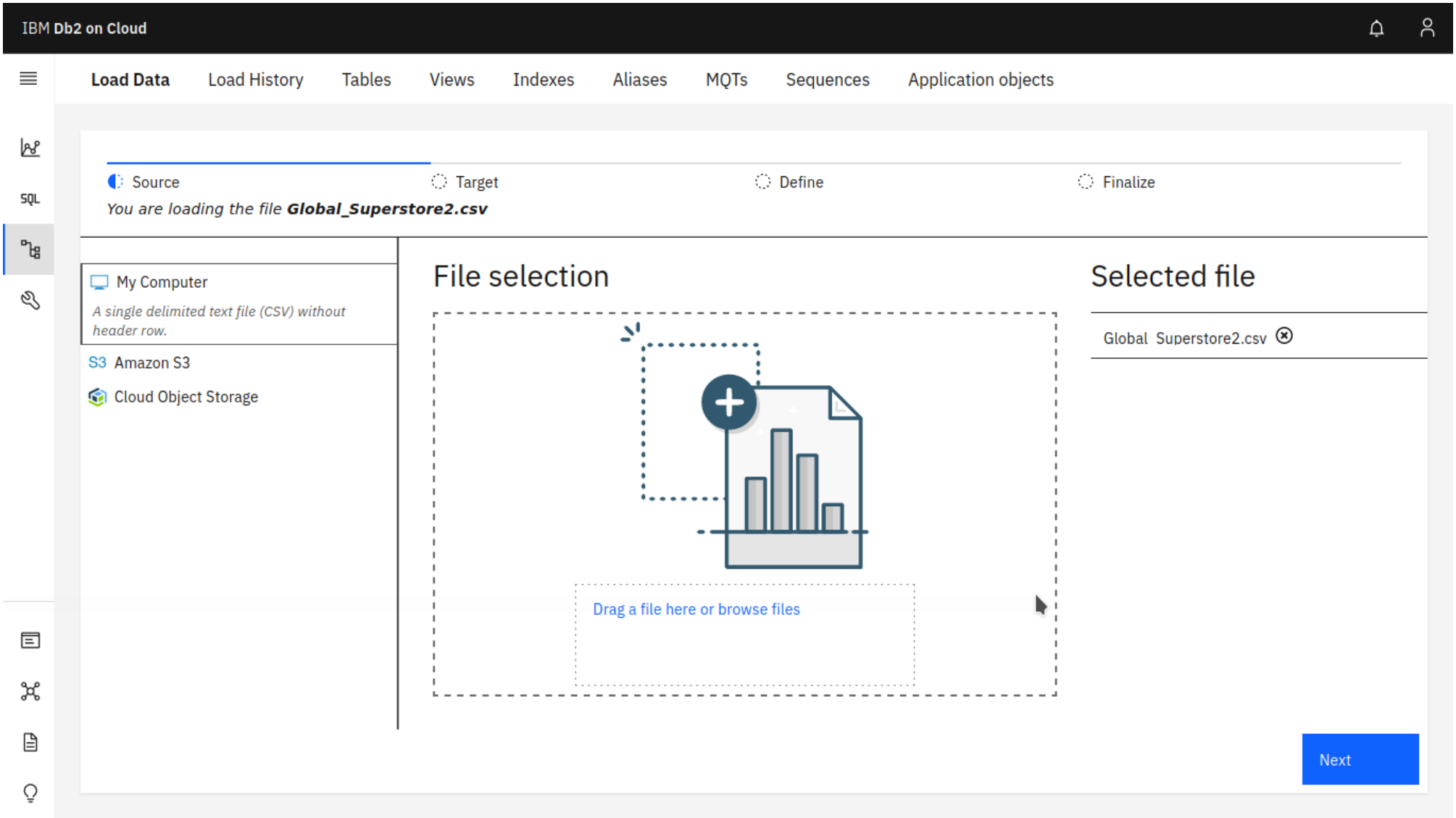
Resource usage

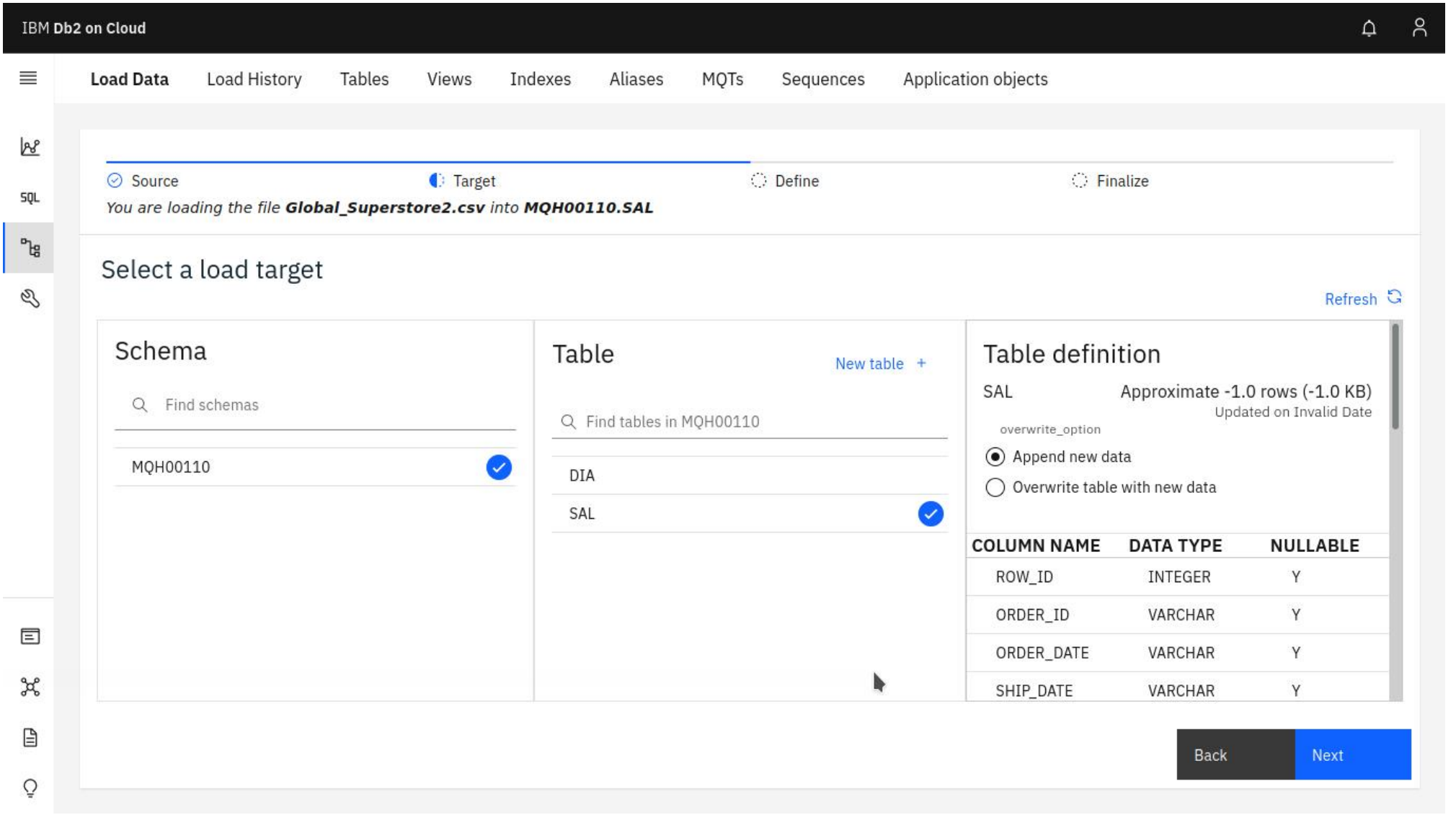
Last 1 hour

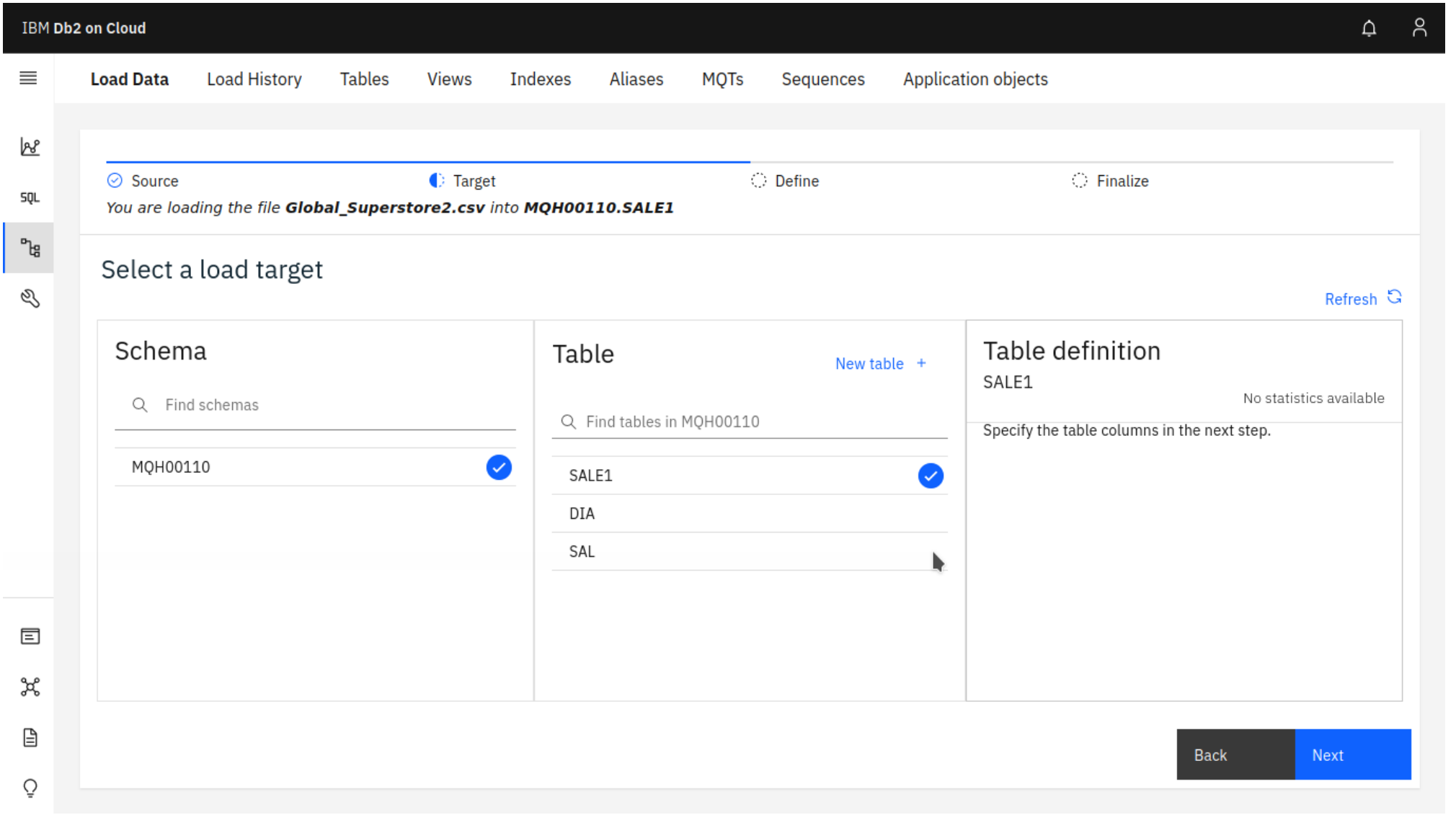
0% Storage (0M / 0M)
current value

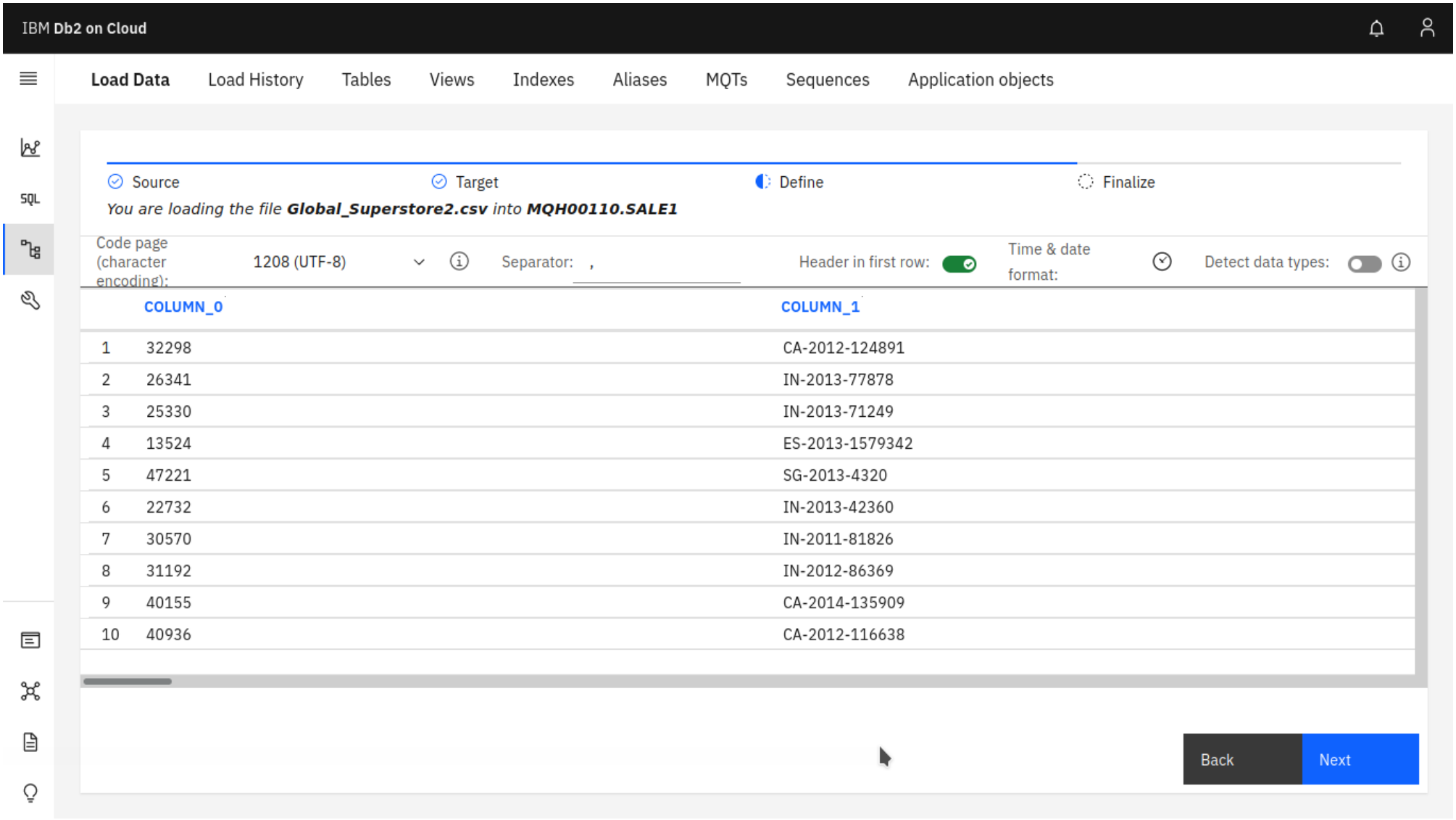


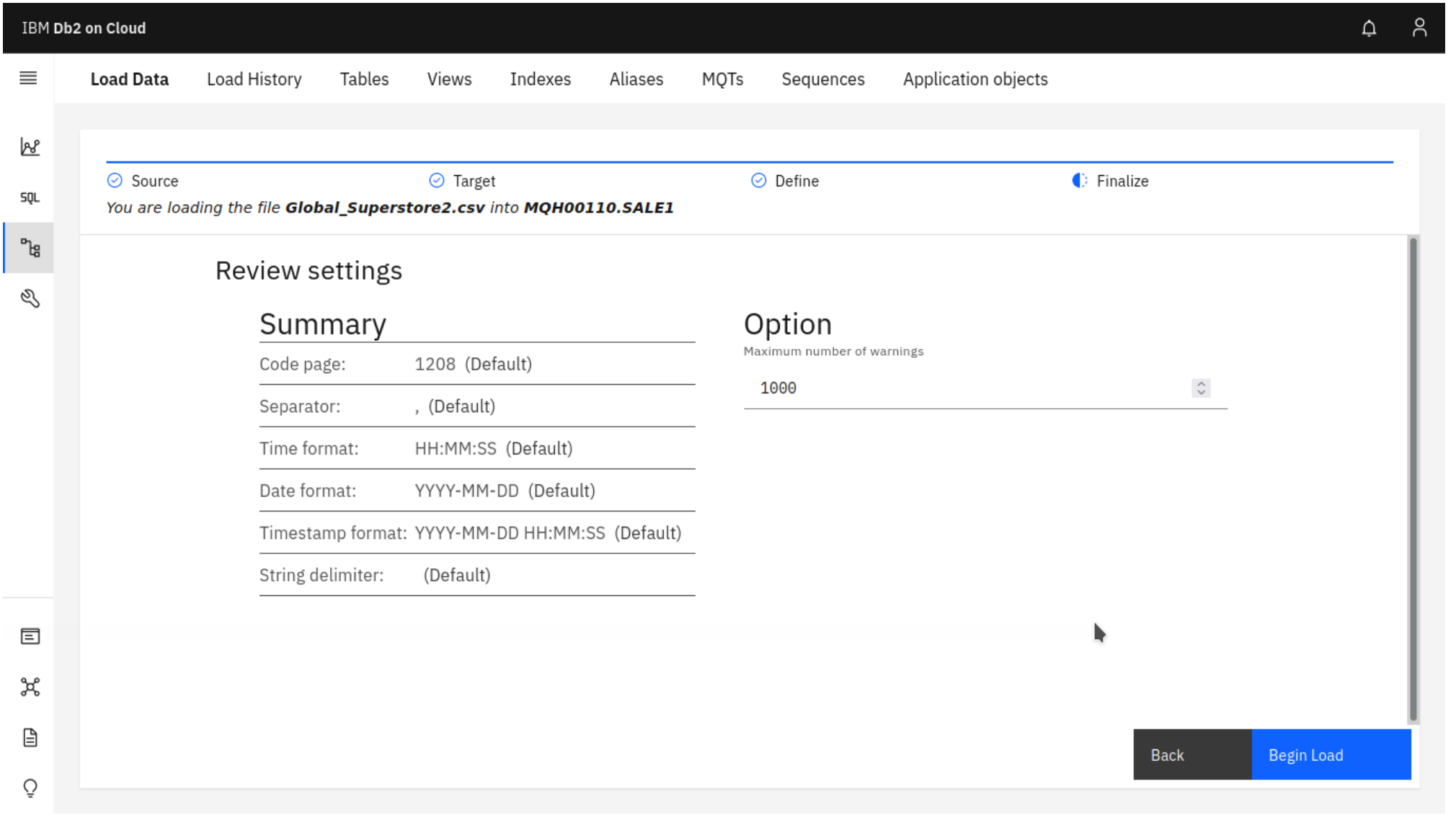
SELECTING THE SOURCE FILE:

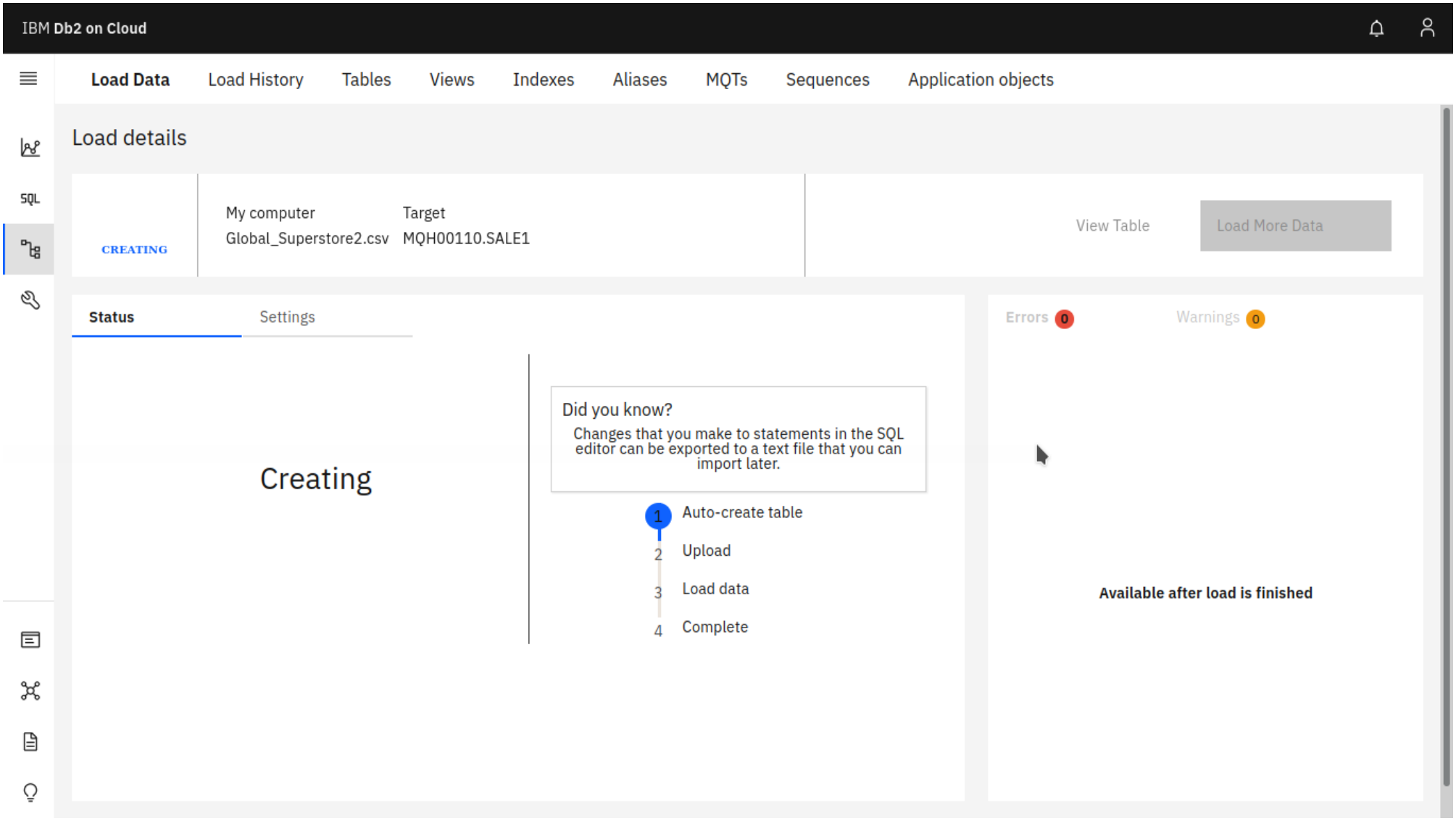


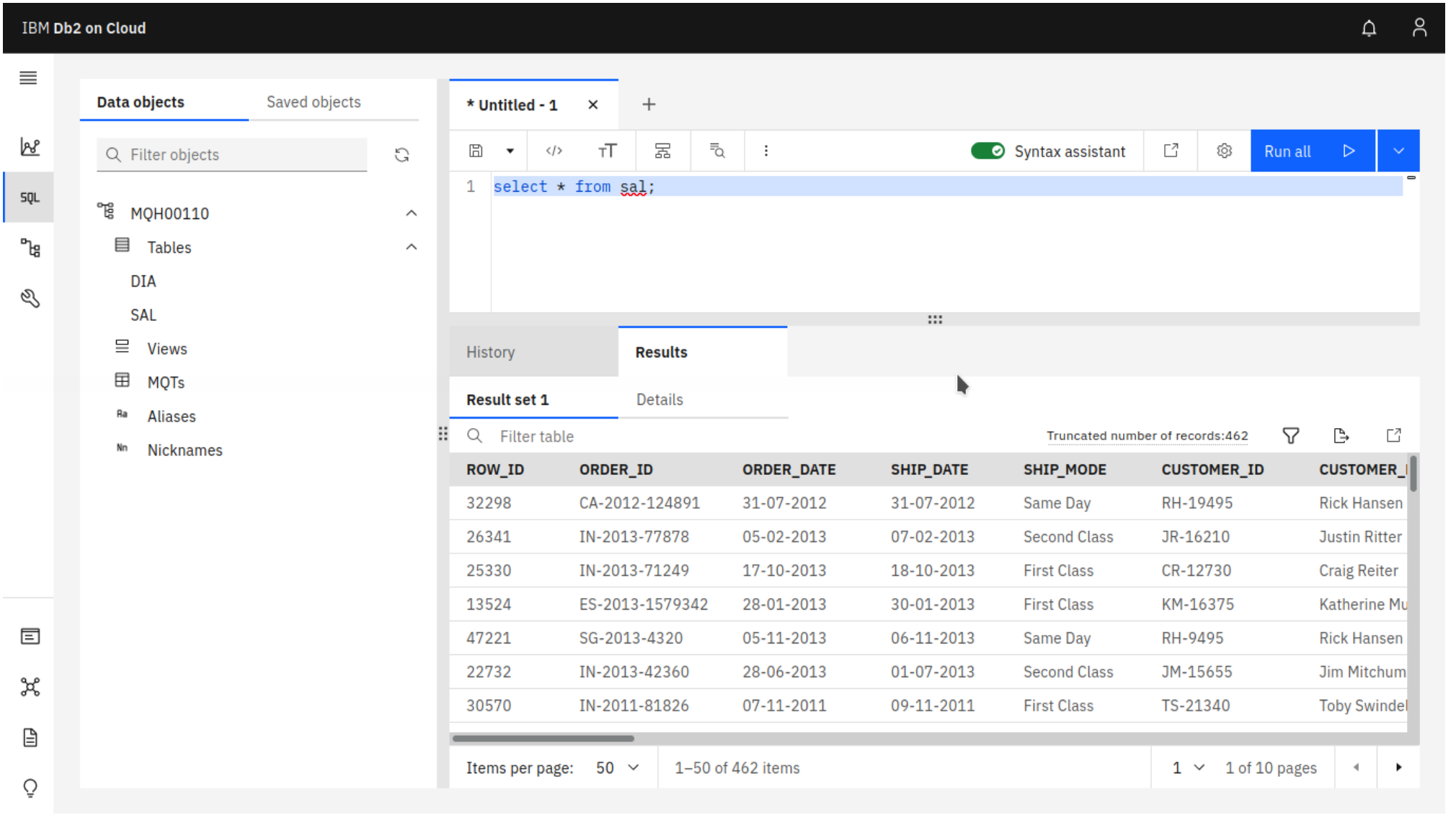

IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Source
Target
Define
Finalize
You are loading the file Global_Superstore2.csv into MQH00110.SAL
Select a load target
Refresh
Schema
Find schemas
MQH00110
Table
New table +
Find tables in MQH00110
DIA
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
Back
Next


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Source
Target
Define
Finalize
You are loading the file Global_Superstore2.csv into MQH00110.SALE1
Select a load target
Refresh
Schema
Find schemas
MQH00110
Table
New table +
Find tables in MQH00110
SALE1
DIA
SAL
Table definition
SALE1
No statistics available
Specify the table columns in the next step.
Back
Next


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Source
Target
Define
Finalize
You 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
Back
Next


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
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


IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
Load details
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


IBM Db2 on Cloud
Data objects
Saved objects
Filter objects
MQH00110
Tables
DIA
SAL
Views
MQTs
Aliases
Nicknames
* Untitled - 1
Syntax assistant
Run all
1 select * from sal;
History
Results
Result set 1
Details
Filter table
Truncated number of records:462
ROW_ID ORDER_ID ORDER_DATE SHIP_DATE SHIP_MODE CUSTOMER_ID CUSTOMER_
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
1
1 of 10 pages

In the sprint 1 we have completed the following tasks as per our planning:

1. Fetching the Dataset from the Kaggle.
2. Creating the Database Using IBM DB2.
3. Uploading the dataset in the database DB2.