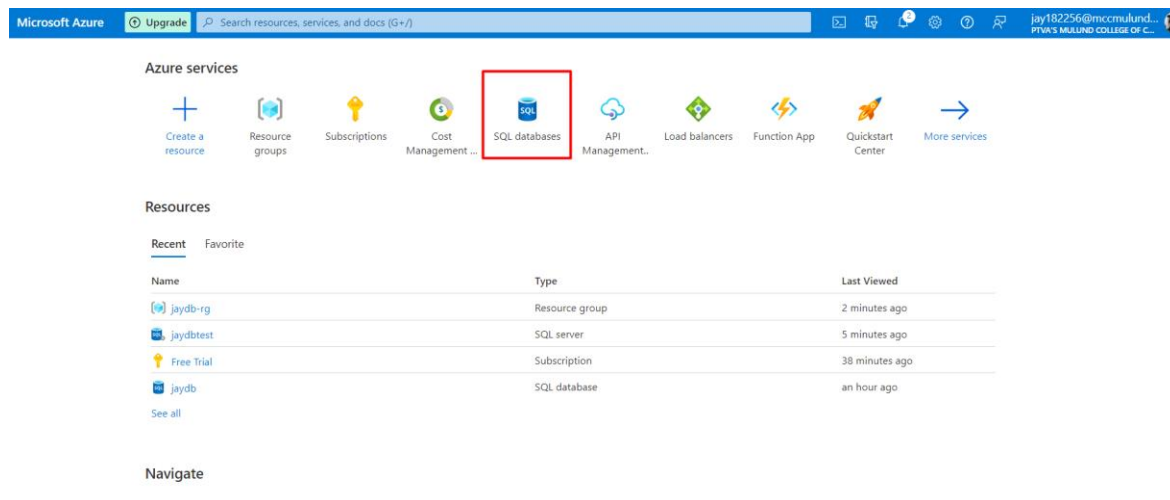
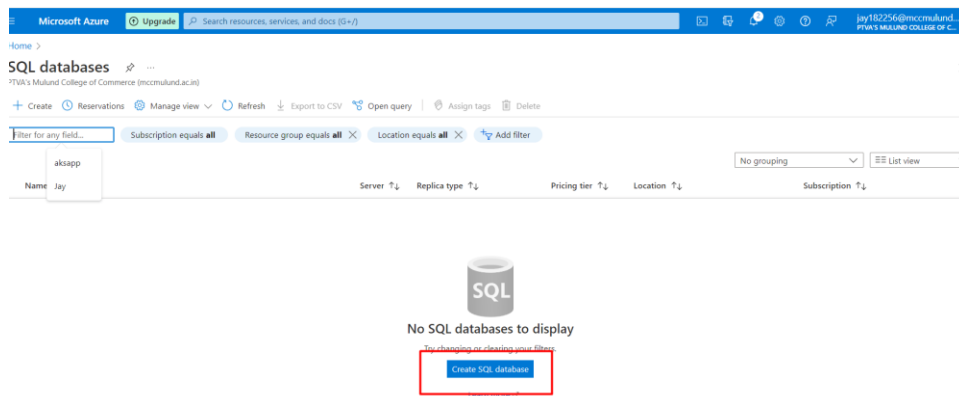


Create a database design for Microservices an application using the database.

1



2



3

Microsoft Azure

Upgrade

Search resources, services, and docs (G+J)

jay182256@mccmukund  
PVT'S MALINI COLLEGE OF C...

Home > SQL databases >

Create SQL Database

Microsoft

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Free Trial

Resource group \*

(New) jaydb-rg

Create new

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name \*

jaydb

Server \*

Select a server

Create new

The value must not be empty.

Want to use SQL elastic pool? \*

Yes

No

Compute + storage \*

Please select a server first.

Configure database

Review + create

Next: Networking >

4

Microsoft Azure

Upgrade

Search resources, services, and docs (G+J)

jay182256@mccmukund  
PVT'S MALINI COLLEGE OF C...

Home > SQL databases > Create SQL Database >

Create SQL Database Server

Microsoft

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name \*

jaydbtest

.database.windows.net

Location \*

(US) East US 2

Authentication

Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication [Learn more](#) if using an existing Azure AD user, group, or application as Azure AD admin [Learn more](#) or, or select both SQL and Azure AD authentication.

Authentication method

Use only Azure Active Directory (Azure AD) authentication

Use both SQL and Azure AD authentication

Use SQL authentication

Server admin login \*

jay182256

Password \*

\*\*\*\*\*

Confirm password \*

\*\*\*\*\*

Password and confirm password must match.

OK

5

Microsoft Azure

Upgrade

Search resources, services, and docs (G+J)

jay182256@mccmukund  
PVT'S MALINI COLLEGE OF C...

Home > SQL databases >

Create SQL Database

Microsoft

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name \*

jaydb

Server \*

(new) jaydbtest (East US 2)

Create new

Want to use SQL elastic pool? \*

Yes

No

Compute + storage \*

Standard S0

10 DTUs, 250 GB storage

Configure database

Backup storage redundancy

Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

Backup storage redundancy \*

Locally-redundant backup storage

Zone-redundant backup storage

Geo-redundant backup storage

6

Microsoft Azure Upgrade Search resources, services, and docs (G+V)

Home > SQL databases > Create SQL Database >

## Configure

Feedback

**Service and compute tier**

Select from the available tiers based on the needs of your workload. The vCore model provides a wide range of configuration controls and offers Hyperscale and Serverless to automatically scale your database based on your workload needs. Alternately, the DTU model provides set price/performance packages to choose from for easy configuration. [Learn more](#)

Service tier: Basic (For less demanding workloads)

DTUs: [Compare DTU options](#)

**5 (Basic)**

Data max size (GB):

**DTU-based purchasing model**

- Basic (For less demanding workloads)
- Standard (For workloads with typical performance requirements)
- Premium (For IO-intensive workloads)

**Cost summary**

<b>Basic (Basic)</b>	
Cost per DTU (in INR)	70.57
DTUs selected	x 5
<b>ESTIMATED COST / MONTH</b>	<b>352.85 INR</b>

7

Microsoft Azure Upgrade Search resources, services, and docs (G+V)

Home > SQL databases >

## Create SQL Database

Microsoft

Basics Networking Security **Additional settings** Tags Review + create

Customize additional configuration parameters including collation & sample data.

**Data source**

Start with a blank database, restore from a backup or select sample data to populate your new database.

Use existing data \* None Backup **Sample**

AdventureWorksLT will be created as the sample database.

**Database collation**

Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL\_Latin1\_General\_CP1\_CI\_AS. [Learn more](#)

Collation SQL\_Latin1\_General\_CP1\_CI\_AS

**Cost summary**

<b>Basic (Basic)</b>	
Cost per DTU (in INR)	70.57
DTUs selected	x 5
<b>ESTIMATED COST / MONTH</b>	<b>352.85 INR</b>

[Review + create](#) < Previous Next: Tags >

8

Microsoft Azure Upgrade Search resources, services, and docs (G+V)

Home > SQL databases >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags **Review + create**

**Product details**

SQL database by Microsoft

**Estimated cost per month**

352.85 INR

[Terms of use](#) | [Privacy policy](#)

**Terms**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see [Azure Marketplace Terms](#).

**Basics**

Subscription	Free Trial
Resource group	jaydb-rg
Region	East US 2
Database name	jaydb
Server	(new) jaydbtest
Authentication method	SQL authentication
Server admin login	jay182256

**Cost summary**

<b>Basic (Basic)</b>	
Cost per DTU (in INR)	70.57
DTUs selected	x 5
<b>ESTIMATED COST / MONTH</b>	<b>352.85 INR</b>

[Create](#) < Previous [Download a template for automation](#)

9

Microsoft Azure | Search resources, services, and docs (5+)

Home > Microsoft.SQLDatabase.newDatabaseNewServer\_0bc800eb3ddd413793e96 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

**Your deployment is complete**

Deployment name: Microsoft.SQLDatabase.newDatabaseNewServer\_0bc800eb3ddd413793e96 Start time: 11/8/2022, 10:54:46 PM  
Subscription: Free Trial Correlation ID: 1b59d730-c56f-409c-a482-176

Deployment details

Next steps

[Go to resource](#)

Give feedback

Tell us about your experience with deployment

**Notifications**

More events in the activity log →

Deployment succeeded

Deployment 'Microsoft.SQLDatabase.newDatabaseNewServer\_0bc800eb3ddd413793e96' to resource group 'jaydb-rg' was successful.

[Go to resource](#) [Pin to dashboard](#)

a few seconds ago

Deleted resource group jaydb-rg

Deleted resource group jaydb-rg

5 minutes ago

214,485.10 credit remaining

Subscription 'Free Trial' has a remaining credit of 214,485.10.

Upgrade to a Pay-As-You-Go subscription.

9 minutes ago

10

Microsoft Azure | Search resources, services, and docs (5+)

Home > jaydb (jaydbtest/jaydb) SQL database

Search

Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Getting started

**Query editor (preview)**

Power Platform

Power BI

Power Apps

Power Automate

Settings

Compute + storage

Connection strings

Properties

Locks

Data management

Replicas

This database was just created. Do you need any help [getting started?](#)

**Essentials**

Resource group (mouse) : jaydb-rg

Status : Online

Location : Brazil South

Subscription (mouse) : Free Trial

Subscription ID : 886c2a-9cac-4d58-a7bd-183fd9a48c4

Tags (add) : [Click here to add tags](#)

Server name : jaydbtest.database.windows.net

Elastic pool : No elastic pool

Connection strings : [Show database connection strings](#)

Pricing tier : Basic

Earliest restore point : No restore point available

JSON View

Show data for last: 1 hour 24 hours 7 days

Aggregation type: Max

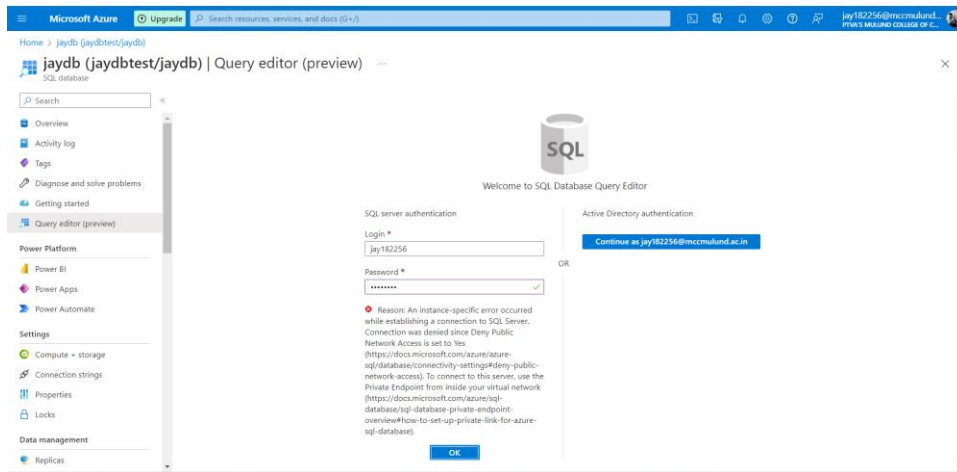
**Compute utilization**

Database data storage

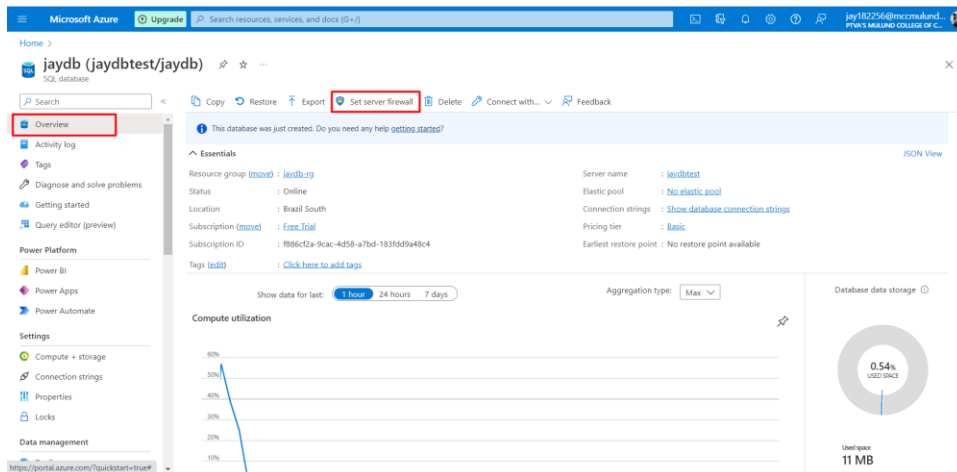
0.54% USED SPACE

Used space 11 MB

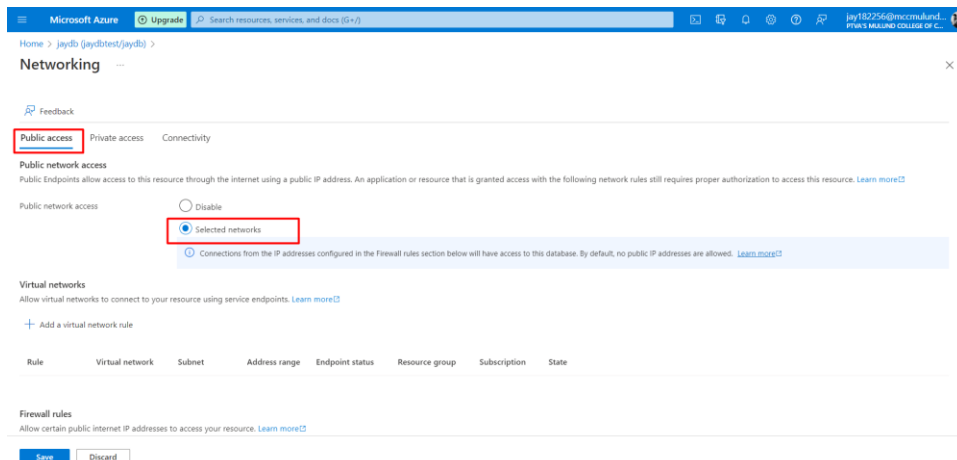
11



12



13



14

Microsoft Azure Upgrade Search resources, services, and docs (Ctrl) jay180256@mccmukund-PTN'S MALLIND COLLEGE OF C...

Home > jaydb (jaydbtest/jaydb) >

## Networking

Connections from the IP addresses configured in the Firewall rules section below will have access to this database. By default, no public IP addresses are allowed. [Learn more](#)

**Virtual networks**  
Allow virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network rule

Rule	Virtual network	Subnet	Address range	Endpoint status	Resource group	Subscription	State
------	-----------------	--------	---------------	-----------------	----------------	--------------	-------

**Firewall rules**  
Allow certain public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address (49.36.105.32) + Add a firewall rule

Rule name	Start IPv4 address	End IPv4 address
-----------	--------------------	------------------

**Exceptions**

☐ Allow Azure services and resources to access this server

Save Discard

15

Microsoft Azure Upgrade Search resources, services, and docs (Ctrl) jay180256@mccmukund-PTN'S MALLIND COLLEGE OF C...

Home > jaydb (jaydbtest/jaydb) >

## Networking

Virtual networks  
Allow virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network rule

Rule	Virtual network	Subnet	Address range	Endpoint status	Resource group	Subscription	State
------	-----------------	--------	---------------	-----------------	----------------	--------------	-------

**Firewall rules**  
Allow certain public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address (49.36.105.32) + Add a firewall rule

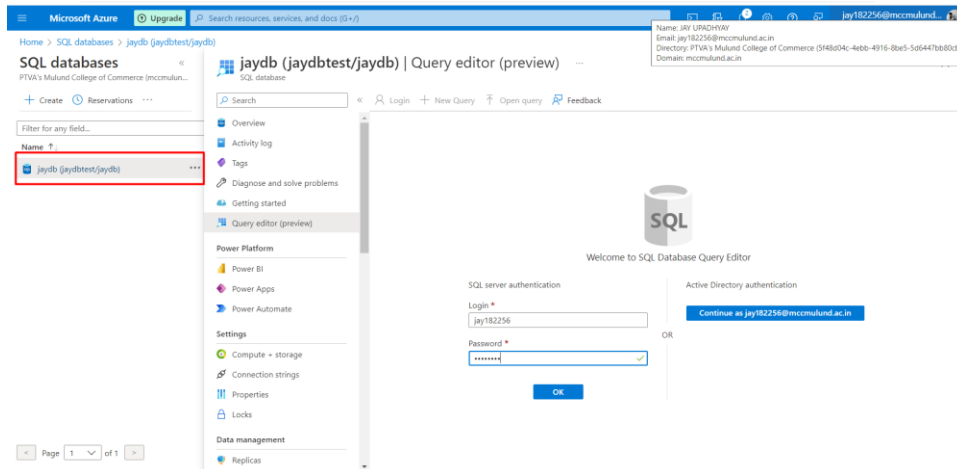
Rule name	Start IPv4 address	End IPv4 address
ClientIPAddress_2022-11-8_23-2-27	49.36.105.32	49.36.105.32

**Exceptions**

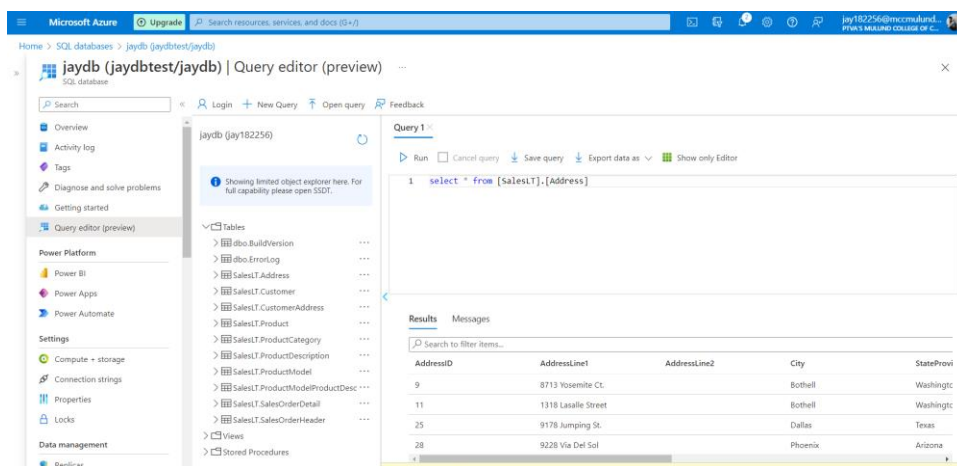
☐ Allow Azure services and resources to access this server

Save Discard

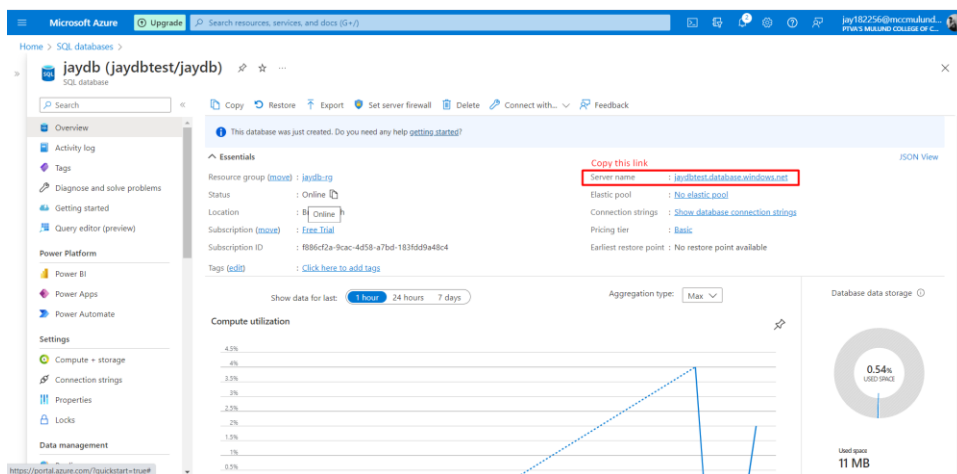
16



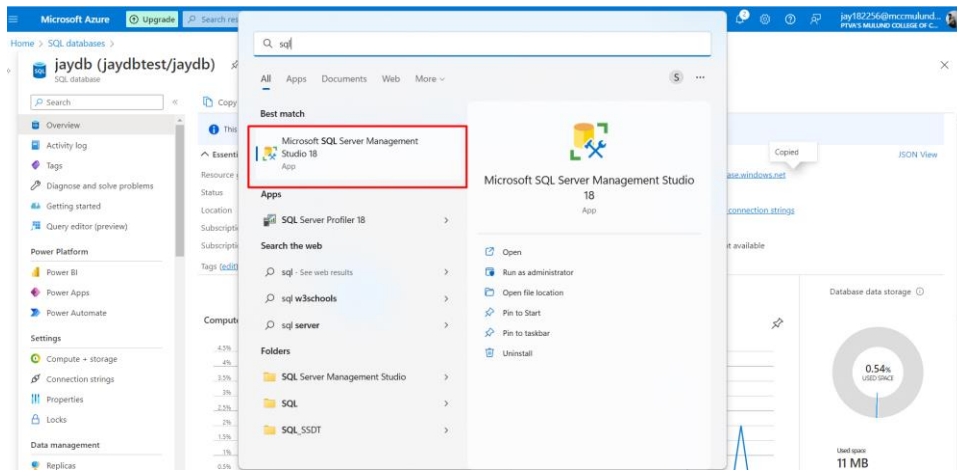
17



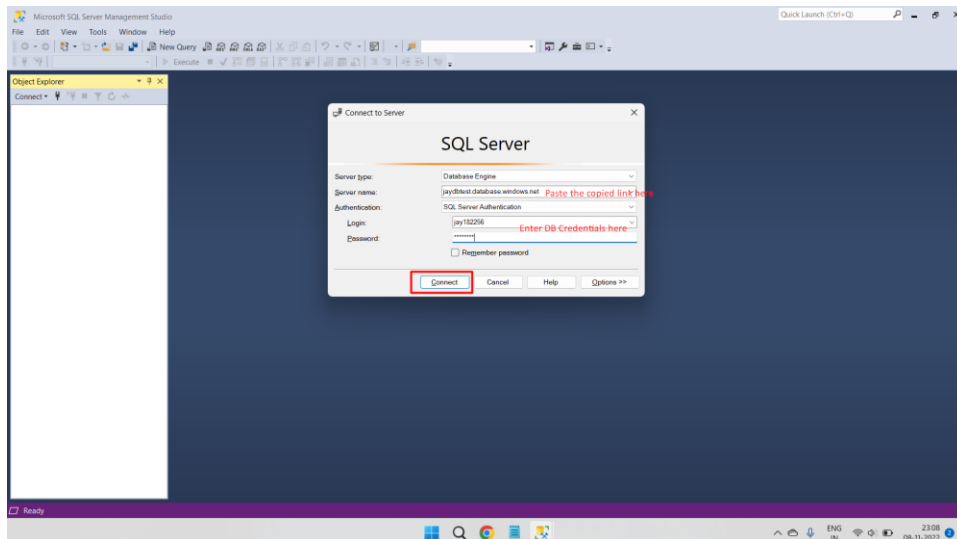
18



19

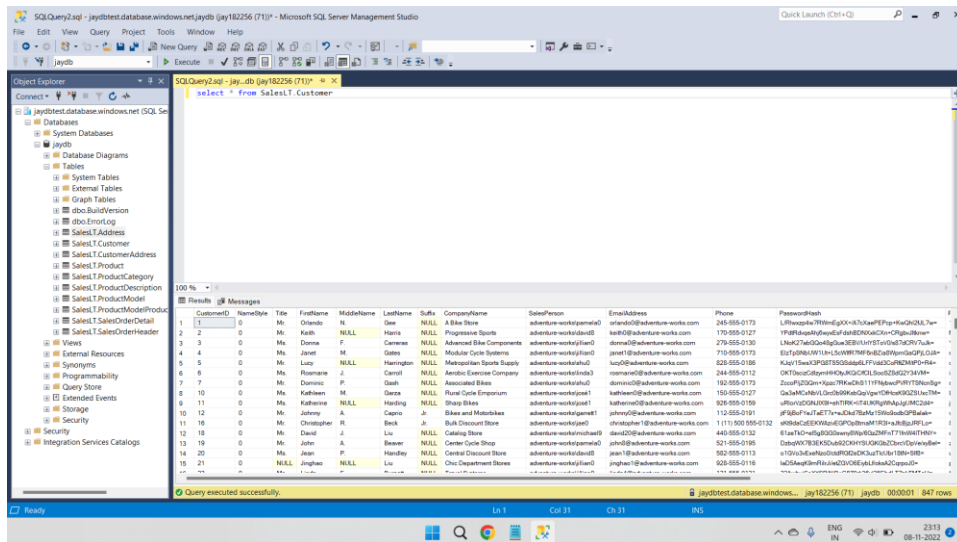


20



21





22

