

- > Getting Started
- > Account and Organization
- Workspace
- > Shapes
- Creating a Process
- Environments
- > Agents
- Packages
- Deployments
- Scheduling
- My First Process**
- Support

[Previous](#)[Next](#)

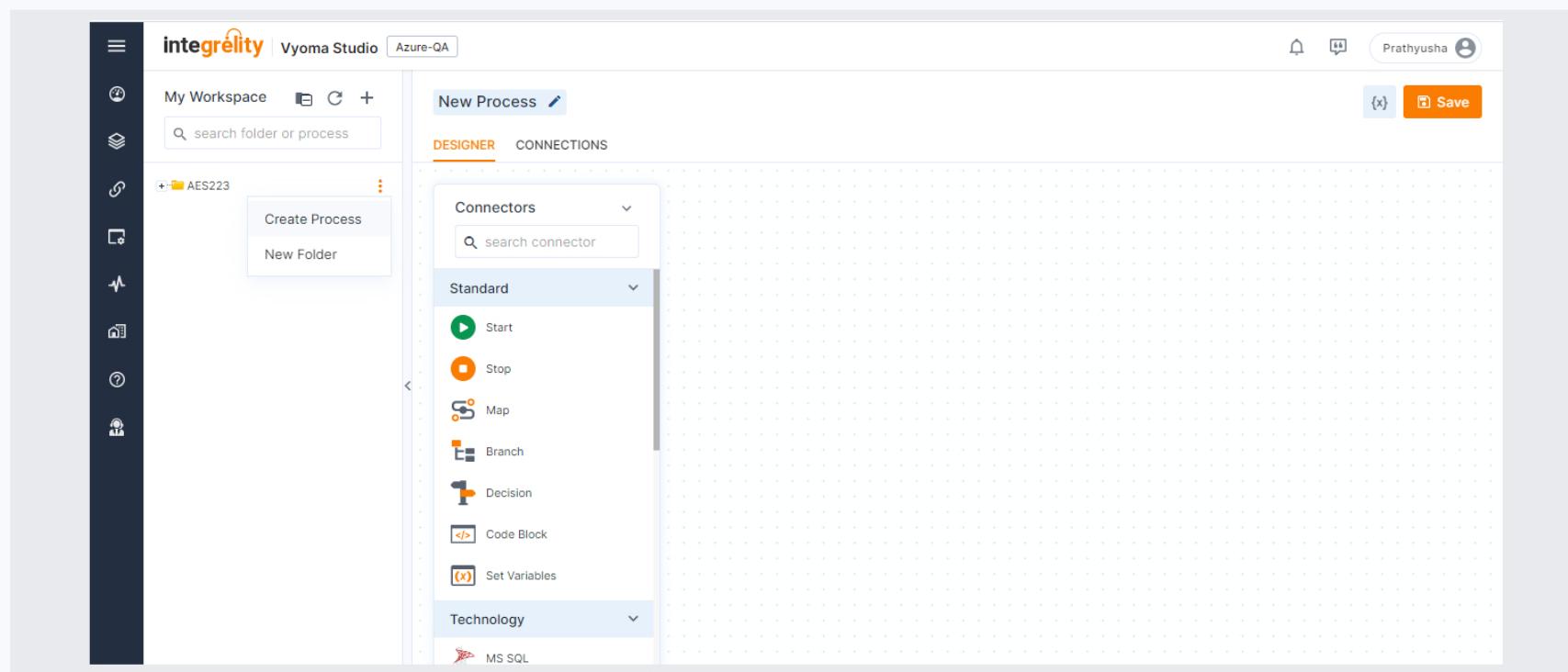
My First Process

Get Users from API and insert into SQL database.

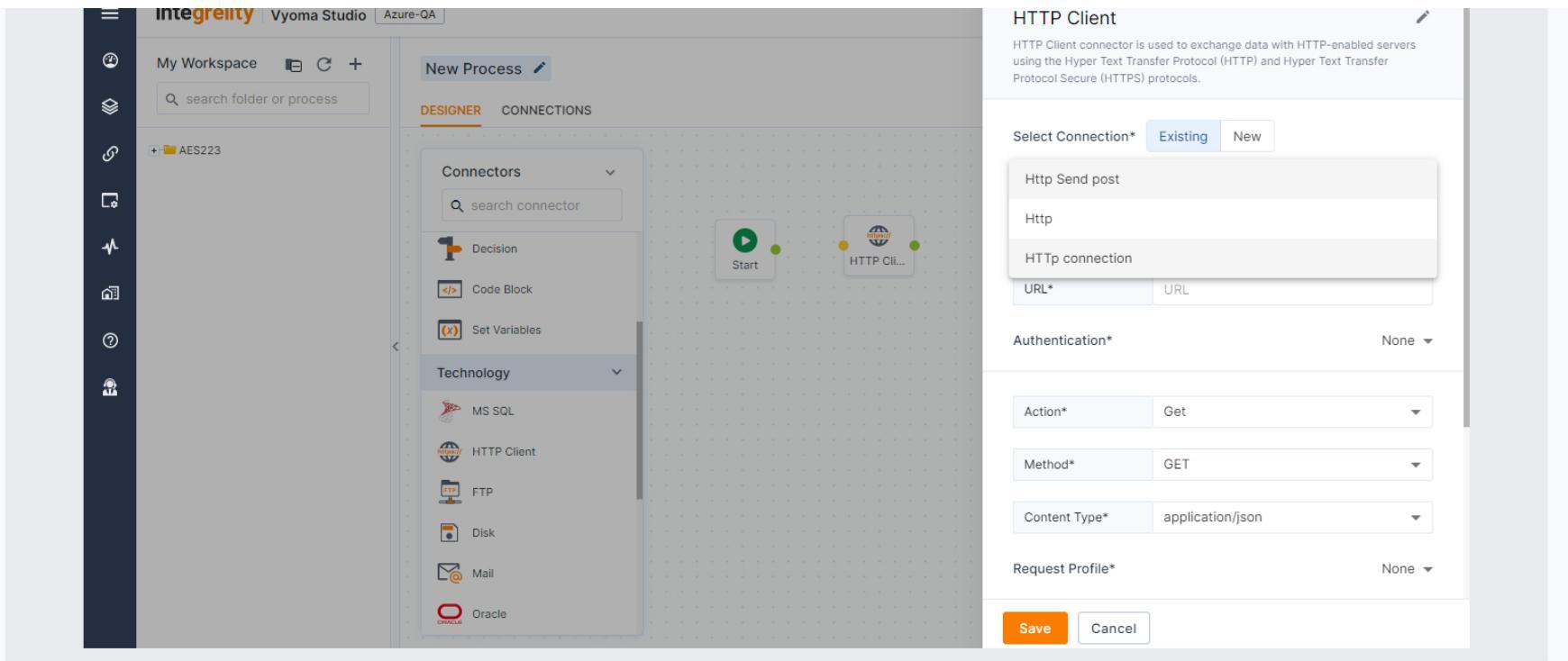
Your first process starts with HttpClient as source which contains user details such as FirstName, LastName, Email ID. Using Integreliety, these user details will be inserted into SQL database as destination.

Steps to create HttpClient Connector:

1. From component explorer page, click Create Process from more options or + icon from top header. Your new process opens on right side of the canvas page



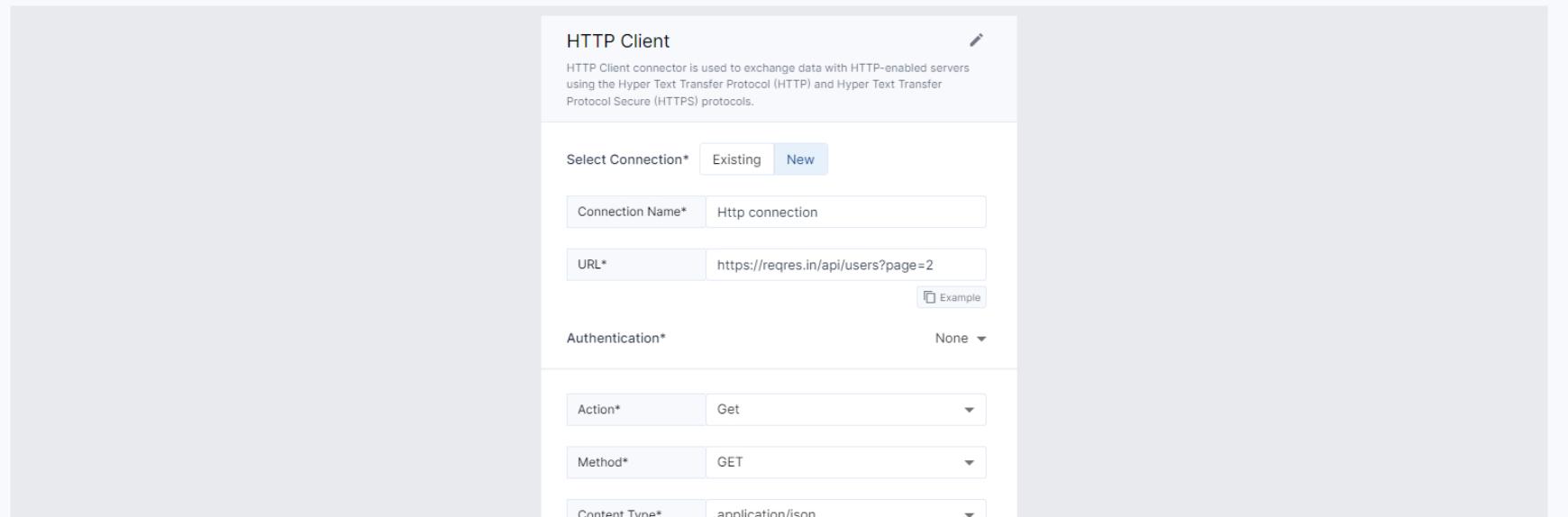
2. Enter name of the process
3. Drag and Drop the Start shape. This is a main shape in a process and all the data flows through the process from start to end.
4. Now, drag and drop the HttpClient connector to the canvas page. A popup will be displayed to the right where you can configure the details of the connector.
5. Change the name of the shape from "HttpClient" to "Get Users from API"
6. Here any existing HTTP client can be used by selecting Existing near select connection
7. Select the existing connection from the drop down shown

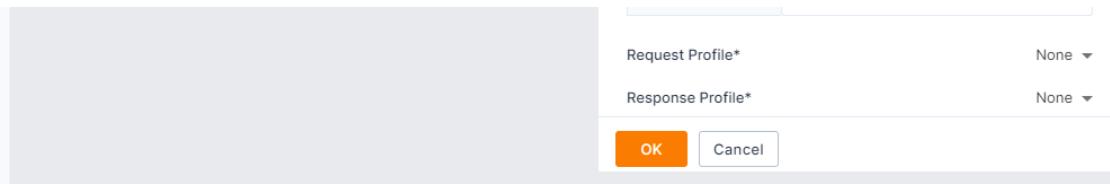


8. once the existing connection is selected , all the fields will be auto filled based on the connection and click save

9. click on NEW near the select connection

Connection Name: Enter connection Name as "HTTP Connection"





URL: Enter "https://reqres.in/api/users?page=2" to fetch a list of users from this API

Authentication: Select Authentication Type as "None"

Action: Select 'Get' from the dropdown.

HTTP Method: Select 'GET' from the dropdown.

Content Type: Select 'application/json' from the dropdown.

Request Profile type: Select 'None'.

Response Profile type: Select 'JSON'

By default, the profile name will be displayed as "get users from api-response-profile". Profile name can be editable.

Copy the example text from the bottom right corner of the Value Name text box and paste it.

Mention the headers and query string parameters if any.

Content Type* application/json

Request Profile* None

Response Profile* JSON

Select Profile* Existing New

Profile Name* http client-response-profile

Json Profile

```
{ "page": 1, "per_page": 6, "total": 12, "total_pages": 2, "data": [ { "id": 1, "email": "george.bluth@reqres.in", "first_name": "George", "last_name": "Bluth", "avatar": "https://reqres.in/img/faces/1-image.jpg" } ] }
```

Copied to clipboard Example

Headers

Key	Value
+ Add another	

OK Cancel

10. click on OK

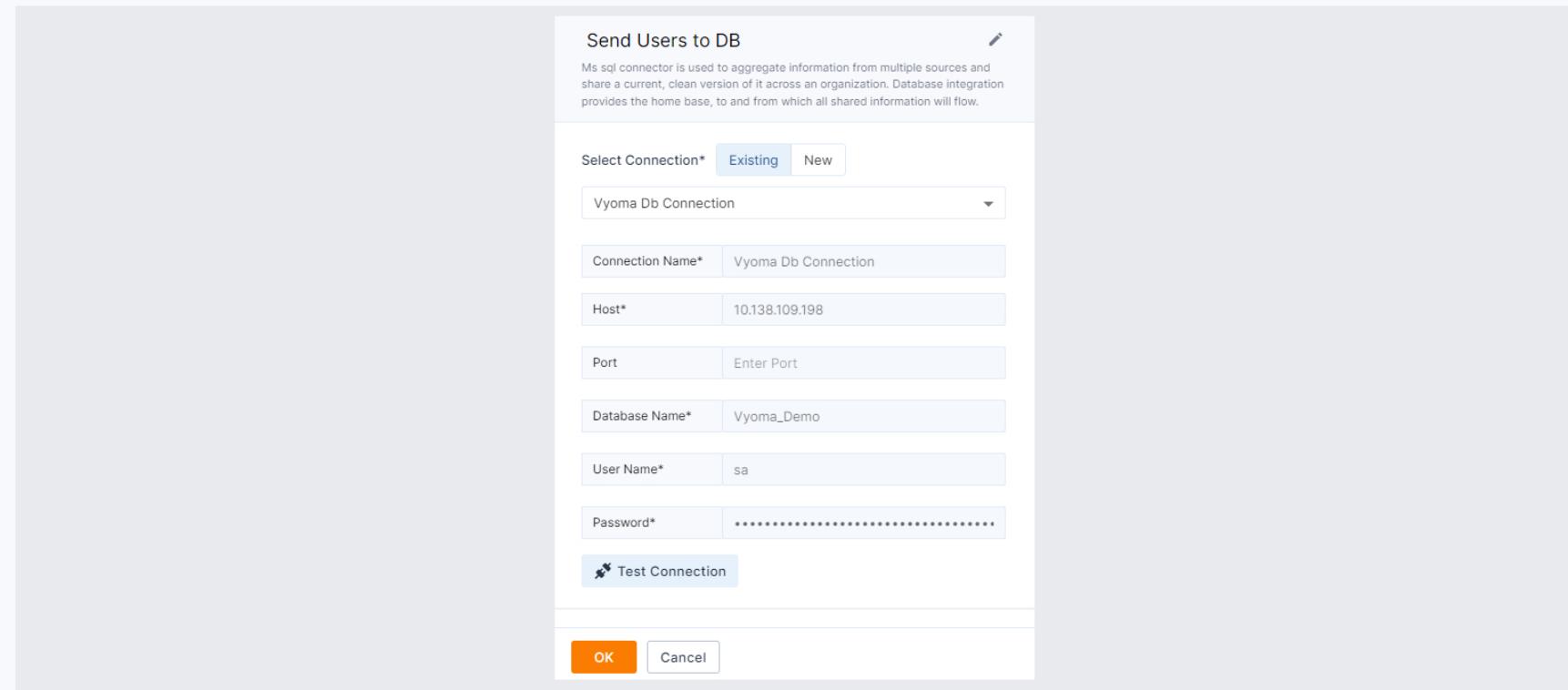
Steps to create MS SQL Database Connector:

1. Now, drag and drop the MS SQL Database connector to the canvas page.

A popup will be displayed to the right where you can configure the details of the connector.

2. Change the name of the shape from "MS SQL" to "Send Users to DB"
3. Click on "existing" connection if you want to choose any existing connection from the dropdown.

Once check all the fields which are auto filled are correct and click OK.



4. Else select "New" near the select connection and enter the following details in the New Database connection operation page.

The screenshot shows the 'integrelity | Vyoma Studio' interface with 'Azure-QA' selected. On the left, there's a sidebar with icons for workspace, search, and process management. The main area is titled 'New Process' and shows a 'DESIGNER' tab with a canvas containing a 'Start' event and an 'HTTP Cli...' connector. To the right, there's a 'CONNECTIONS' tab with a 'Connectors' section and a 'Technology' section. A configuration dialog box is open on the right side, titled 'Send users to DB', with the following details:

Database connector is used to aggregate information from multiple sources and share a current, clean version of it across an organization. Database integration provides the home base, to and from which all shared information will flow.

Select Connection* Existing New

Connection Name*: Connection Name

Host*: Enter Host

Port: Enter Port

Database Name*: Enter Database Name

User Name* User Name

Password* Password

Test Connection

Action*

Connection Name : Enter the name as "DB Connection"

Host : Enter the hostname for the MS SQL server Ex: 11.11.11.11

Port : Enter the port number

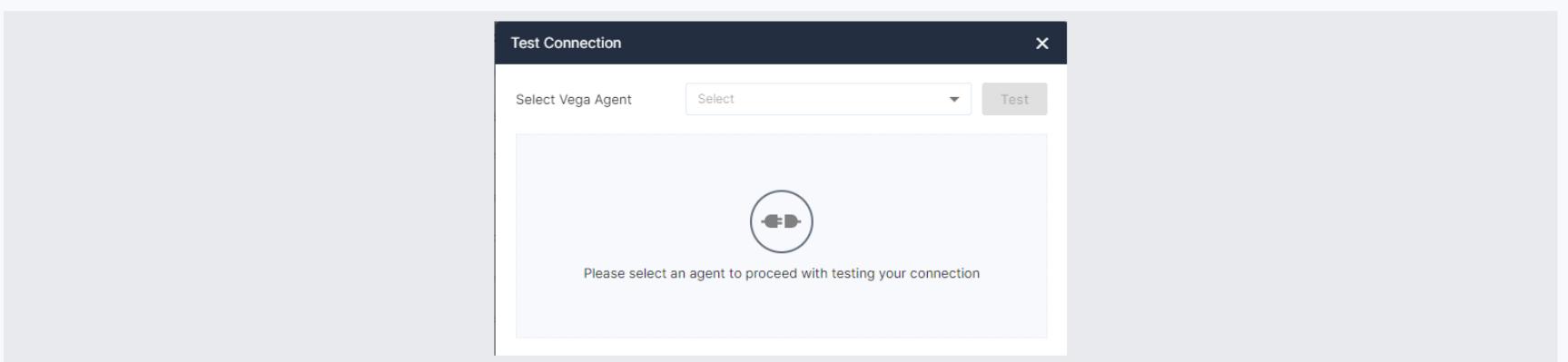
Database Name : Enter the name of your database Ex: Demo

Username : Enter the username to connect to the SQL server.

Password : Enter the password to authenticate your connection.

5. Test the database connection by clicking on the "Test Connection" button on the bottom and choosing the agent

that you installed on your system.



6. Select Action Type as Send

7. Select the below operations:

Execution Type : Select 'Write' from the dropdown

Statement Type : Select 'Standard Insert/Update/Delete' from the dropdown.

Script : Provide a SQL script to insert into the database table of Users, that you created.

8. By default, the Input profile name will be displayed as "Send Users to DB-Send-Profile". Profile name can be editable.

9. Fields: Copy the example text from the bottom right corner of the Fields text box and paste it. The database table, Users should have the same columns as given in the fields entry. You can use the same or modify it accordingly.

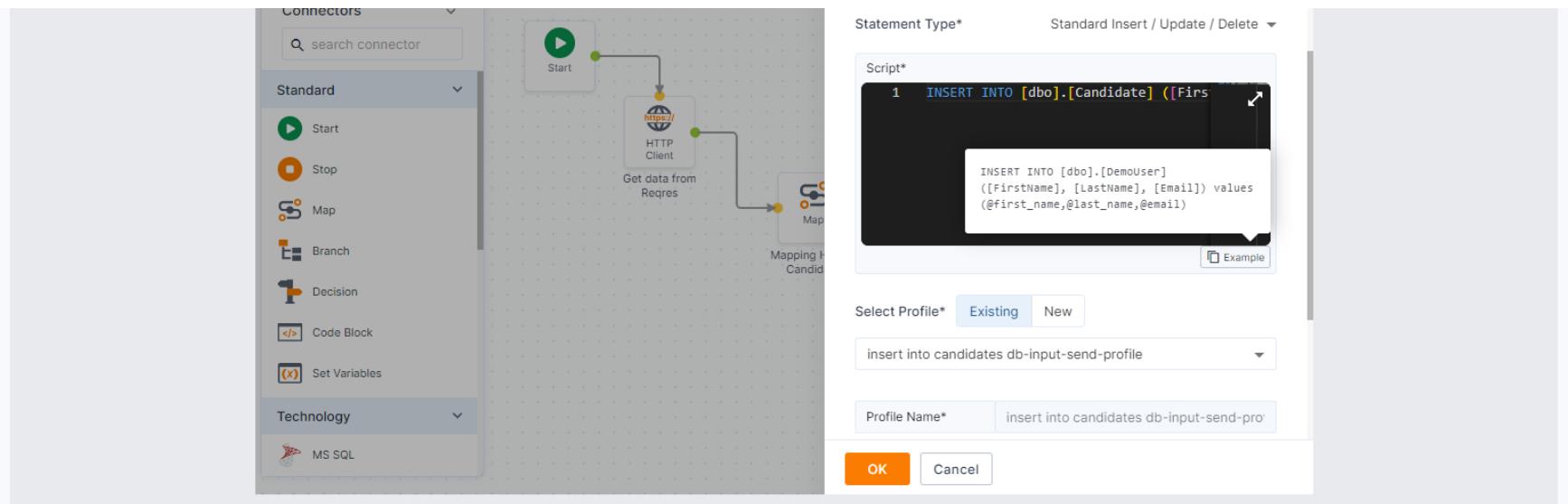
DESIGNER CONNECTIONS PROFILES

Get Data from Http, insert into Candidates SQL DB

Action*

Execution Type*

Test Connection

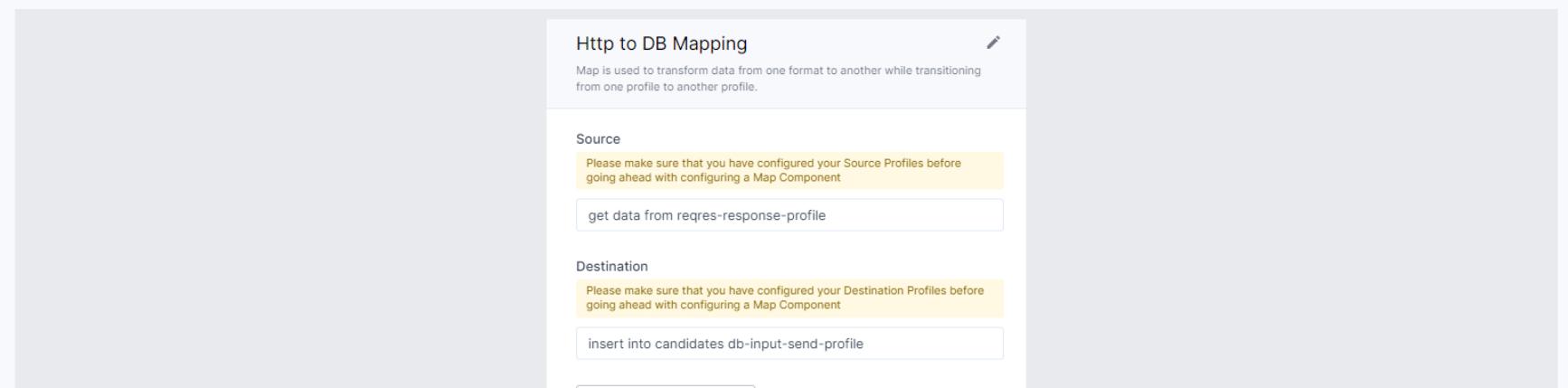


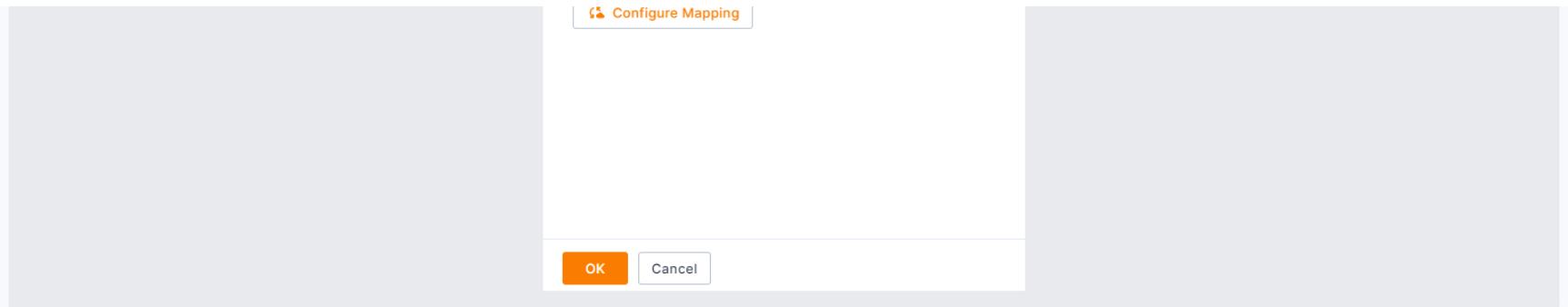
10. click on OK

Steps to create Map Connector:

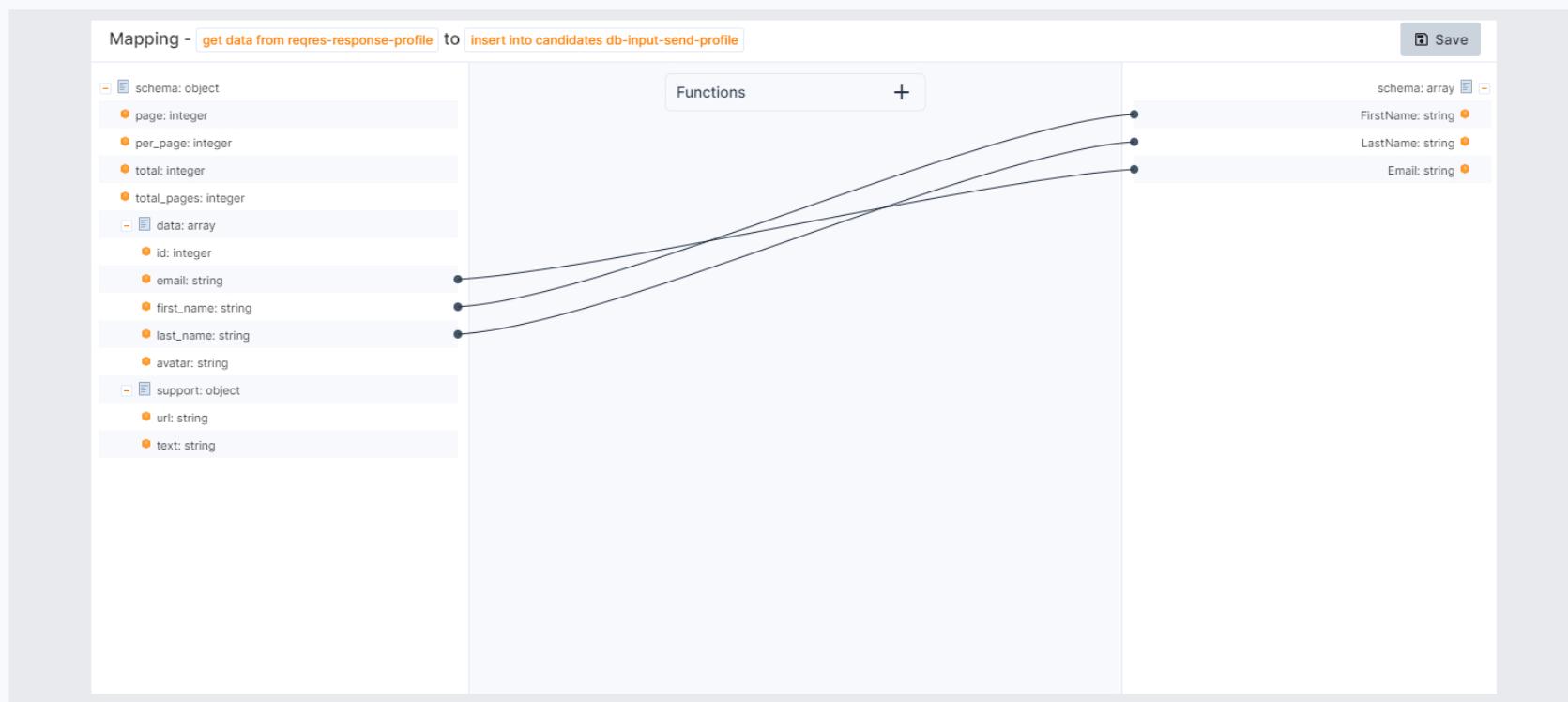
Map is used to transform data from one format to another while transitioning from one profile to another. This component will aid in mapping properties in the JSON profile data (output of the HTTP connector) to the Database profile data (expected input for the database connector).

1. Now, drag and drop the Map connector to the canvas page in between HTTP Client and Database connectors. A popup will be displayed to the right where you can configure the details of the connector.
2. Change the name of the shape from "Map" to "JSON to DB Mapping"
3. Make sure that you have configured your Source/Destination Profiles before going ahead with configuring a Map Component
4. Source and Destination Profiles should be connected to Map (in between) before configuring a Map component.
5. Source – Click on “Select source profile” field to choose a Source Profile from available list. All request/get profiles within the process will be shown in the Source Profile Ex: JSON Profile - Get
6. Destination – Click on “Select destination profile” field to choose a Destination Profile from available list. All respond/send profiles within the process will be shown in the Destination Profile. Ex: DB Profile - Send
7. Configure Mapping – Click on Configure Mapping icon.





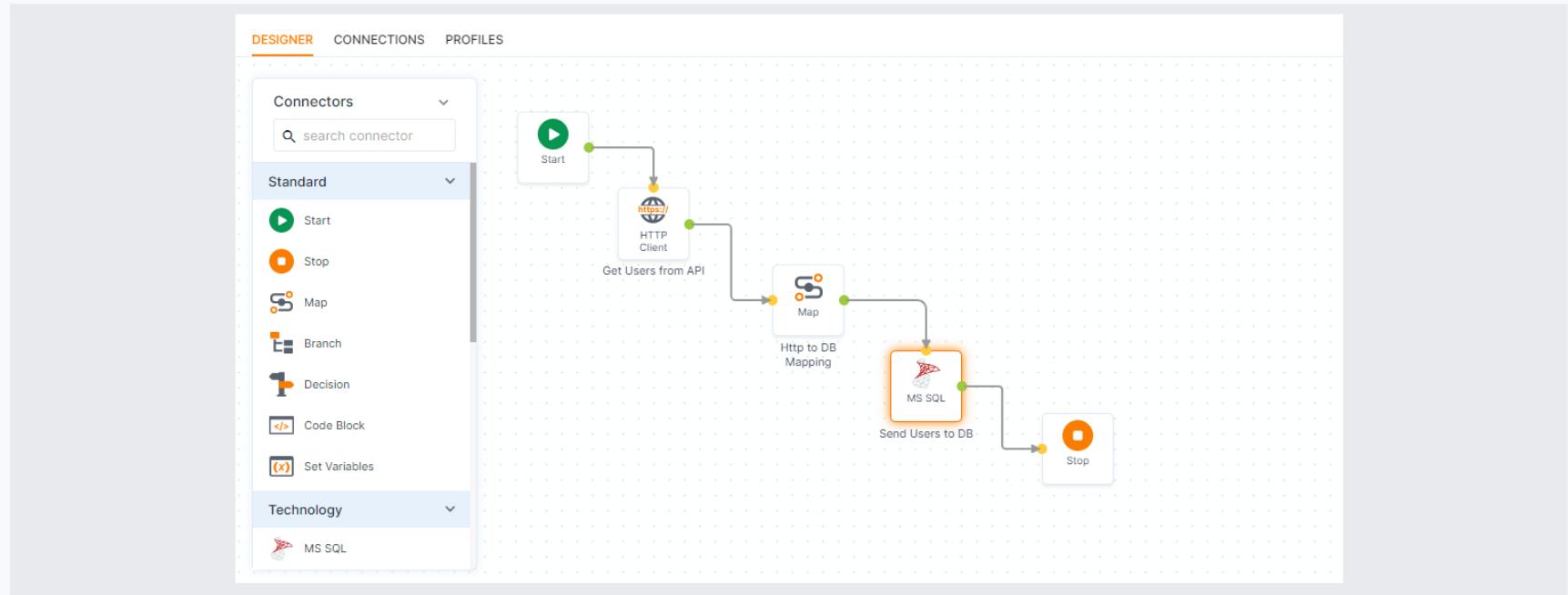
- This will open a new page as shown below where you can configure the data transformation that you are looking for (left side – Source Profile and right side – Destination Profile)
- Click an element in the source profile and drag it to an element in the destination profile.
- A line appears between the source element and the destination element, indicating that data will be moved from one to the other when the map runs.
- Repeat the above steps to map additional elements.
 - First_name from HTTP client to FirstName from SQL DB
 - Last_name from HTTP client to LastName from SQL DB
 - Email from HTTP client to Email from SQL DB



8. Click on 'Save' and then Click on 'OK'.

9. Drag and Drop the STOP shape and connect it with MS SQL DB.

10. Click Save and finally, the process should be mapped as below:



Testing Process Using Cloud/Local Agent

- Click on 'Test' from top right header and choose the locally installed agent from the dropdown.



- After the process has finished execution, you can see that the Users database table in the SQL server has new records. You can also check the 'Execution results' panel to check the Logs, Connection details, and Input and Output data at each step of the process.

Execution Result			
Logs	Connection	Input	Output
Time	Level	Shape	Message
Apr 14, 2023, 1:23:29 PM	Information	Start	Execution Started
Apr 14, 2023, 1:23:29 PM	Information	Start	Executed Successfully

Next : Support

Next Step >