**Table Ingestion Process**

**Step 1**: Open Azure DevOps through the following link: https://dev.azure.com/kmbl-devops/Data%20and%20Analytics%20Platform/\_git/code-conversion-framework?path=%2F&version=GBmain&\_a=contents

**Step 2**: Click on the clone button and copy the URL.

**Step 3**: Open the PyCharm application on your local machine and clone the repository.

**Step 4**: Follow the steps below for converting any Database DDL to Redshift DDL:

1. Run python3 -m venv .venv to create a virtual environment.
2. Run . .venv/bin/activate to activate the virtual environment.
3. Run pip install -r requirements.txt to install the required third-party libraries.

**Step 5**: To run the Streamlit application, follow the steps below:

1. Navigate to the webapp directory:

cd webapp

1. Run the application using Streamlit:

streamlit run app.py

**Step 6**: After opening the Streamlit application, convert the source DB DDL to Redshift DDL.

**Step 7**: Save the converted code in an .sql file on your local machine.

**Step 8**: Open the README.md file. The path is converters/redshift\_ddl\_to\_redshift\_json/README.md.

**Step 9**: Follow the five initial steps:

## **Initial Setup:**

1. Do a git pull to get this repository locally.
2. Open a terminal window and navigate to converters/redshift\_ddl\_to\_redshift\_json/.
3. Run python3 -m venv .venv to create a virtual environment.
4. Run . .venv/bin/activate to activate the virtual environment.
5. Run pip install -r requirements.txt to install the required third-party libraries.

**Step 10**: Copy the absolute path of the .sql file and paste it into the file location tag:

python3 main.py --file <file\_location> --db <default\_database\_name> --create\_view <list,of,schema>

**Example:**

python3 main.py --file "/Users/YogeshMane/Downloads/APAC\_PARTY\_RELN.sql" --db kmbl\_dex --create\_view srcl

**Step 11**: You can find all the JSON files in the output/srcl folder and .sql and JSON files (view files) in the output/srcl\_vw folder.

**Step 12**: After this, you will modify JSON files and add SPI and PII columns in SQL files.