

The background features abstract, overlapping green geometric shapes in various shades, creating a modern and dynamic look. The shapes are primarily triangular and polygonal, with some areas appearing more translucent than others.

SQL AUTOMATION TESTING USER MANUAL

Document Version

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Overview of SQL Automation Testing

- ▶ This manual provides a step-by-step guide to automate SQL testing using a Chatbot interface, from uploading a requirement document to downloading the final SQL report.

Application Url

- ▶ <https://sqlautomation.masteklabs.ai/>

Steps to Process the RD

▶ Upload Requirement Document

- ▶ Upload a Requirement Document which will generate an RD number. Make sure to note down this RD number.

▶ Process the Document

- ▶ A card will appear asking, "Should we process the document?" Click the **Yes** button.

▶ Wait for Processing

- ▶ Wait for the file to be processed.


Requirement Document Uploaded. RD No is generated.

← ↻ 🔒 https://sqlautomation.masteklabs.ai


🏠 A★🔖⋮


Mastek Enterprise AIOracle Report Creation

Requirement Document

Download the Reference RD from here 

Upload the Requirement Document

rw3_RD1206.docx
Uploaded on: 20/2/2025
Interaction ID: RD1206



ATTACH FILE


RESET FILE

● File Uploaded

● SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

Consult Bot for SQL Details

Should we process the document?

YES

NO


SQL Testing

Paste your SQL query (no semicolon at the end)...

CLEAR

▶

DOWNLOAD REPORT

Welcome to our Chat
How can I help you?

Chat With Us

Pressed YES button, waiting for the file to get processed.

The screenshot shows a web browser window with the URL <https://sqlautomation.masteklabs.ai>. The page has a dark blue header with "Mastek Enterprise AI" on the left and "Oracle Report Creation" on the right. Below the header, the page is divided into several sections:

- Requirement Document**: A section with a button "Download the Reference RD from here" and a Word icon.
- Upload the Requirement Document**: A section showing an uploaded file "rw3_RD1206.docx" with a trash icon. Below the file, there are two buttons: "ATTACH FILE" and "RESET FILE". A progress indicator shows two steps: "File Uploaded" (completed) and "SQL Generating Consultant Bot" (in progress).
- Consult Bot for SQL Details**: A section with a bot icon and the text "You can proceed to the Consultant Bot once the File is processed."
- Your RD is getting processed...**: A status message in blue text.
- SQL Testing**: A section with a text input field containing the placeholder "Paste your SQL query (no semicolon at the end)...". To the right of the input field are two buttons: "CLEAR" and a green button with a play icon. Below the input field is a button "DOWNLOAD REPORT".
- Chat Widget**: A floating chat window in the bottom right corner with the Mastek logo, the text "Welcome to our Chat", "How can I help you?", and a "Chat With Us" button.

At the bottom left, there is a note: "Keep a note of the RD ID for chatbot."

Successful message generated for the file processed

The screenshot displays the Mastek Enterprise AI web application interface. The browser address bar shows the URL <https://sqlautomation.masteklabs.ai>. The page header includes "Mastek Enterprise AI" and "Oracle Report Creation".

Requirement Document

Download the Reference RD from here

Upload the Requirement Document

rw3_RD1206.docx
Uploaded on: 20/2/2025
Interaction ID: RD1206

ATTACH FILE **RESET FILE**

File Uploaded

SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

Consult Bot for SQL Details

You can proceed to the Consultant Bot once the File is processed.

File has been processed.

SQL Testing

Paste your SQL query (no semicolon at the end)...

CLEAR

DOWNLOAD REPORT

Welcome to our Chat
How can I help you?
Chat With Us

Steps to interact with ChatBot

- ▶ **Interact with the Chatbot**
 - ▶ Click on the **Chatbot** and then click on **Let's Chat**. Provide the RD number to the Chatbot.
- ▶ **Generate SQL Query**
 - ▶ The Chatbot will generate an SQL query.

Click on Chat With Us button of the Chatbot. The Chatbot is opened.

The screenshot displays the Mastek Enterprise AI web application interface. The browser address bar shows the URL <https://sqlautomation.masteklabs.ai>. The page header includes "Mastek Enterprise AI" and "Oracle Report Creation".

The main content area is divided into several sections:

- Requirement Document**: Includes a link to "Download the Reference RD from here" and an "Upload the Requirement Document" section. The upload section shows a file named "rw3_RD1206.docx" uploaded on 20/2/2025 with Interaction ID: RD1206. Below the upload section are buttons for "ATTACH FILE" and "RESET FILE", and a progress indicator showing "File Uploaded" and "SQL Generating Consultant Bot".
- Consult Bot for SQL Details**: A section with a robot icon and the text "You can proceed to the Consultant Bot once the File". Below this is a green status bar indicating "File has been processed."
- SQL Testing**: A section with a text input field labeled "Paste your SQL query (no semicolon at the end)..." and a "DOWNLOAD REPORT" button.

A chatbot window titled "Mastek SQL Assistance" is overlaid on the right side of the page. The chatbot interface shows a "Hi" message at 01:44 PM and a welcome message: "Welcome to Mastek's SQL Assistance. Can I have the RD ID or alternatively, your requirement for which a SQL statement is required?". The chatbot also has a "Type Message" input field and a send button.

Paste the RD no in Chatbot and wait to generate the Sql query.

The screenshot displays the Mastek Enterprise AI web application interface. The browser address bar shows the URL <https://sqlautomation.masteklabs.ai>. The page header includes "Mastek Enterprise AI" and "Oracle Report Creation".

Requirement Document

Download the Reference RD from here

Upload the Requirement Document

rw3_RD1206.docx
Uploaded on: 20/2/2025
Interaction ID: RD1206

ATTACH FILE **RESET FILE**

File Uploaded
SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

Consult Bot for SQL Details

You can proceed to the Consultant Bot once the File

File has been processed.

SQL Testing

Paste your SQL query (no semicolon at the end)...

DOWNLOAD REPORT

Mastek SQL Assistance

Hi
01:44 PM

Welcome to Mastek's SQL Assistance. Can I have the RD ID or alternatively, your requirement for which a SQL statement is required?
01:44 PM

RD1206
01:45 PM

Just a moment, I'm on it! ...

Type Message

Sql Query Generated

The screenshot displays the Mastek Enterprise AI web application interface. The browser address bar shows the URL <https://sqlautomation.masteklabs.ai>. The page header includes "Mastek Enterprise AI" and "Oracle Report Creation".

Requirement Document

Download the Reference RD from here

Upload the Requirement Document

rw3_RD1206.docx
Uploaded on: 20/2/2025
Interaction ID: RD1206

ATTACH FILE **RESET FILE**

- File Uploaded
- SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

Consult Bot for SQL Details

You can proceed to the Consultant Bot once the File

File has been processed.

SQL Testing

Paste your SQL query (no semicolon at the end)...

DOWNLOAD REPORT

Mastek SQL Assistance

Based on the provided columns and filters, here is the SQL query tailored for the Oracle database:

```
SELECT
  hou.NAME AS BUSINESS_U
  -- Assuming Requester
  pha.SEGMENT1 AS PO_NUM
  TO_CHAR(pha.CREATION_D
  (SELECT SUM(pla.QUANTIT
  FROM po_lines_all pla
  WHERE pla.PO_HEADER_I
  psv.VENDOR_NAME AS SUP
  pbvv_standard.DISPLAY_
  plc_standard.DISPLAYED
```

Type Message

Steps to test Sql query using Sql textbox

▶ **Copy and Modify SQL Query**

- ▶ Copy the SQL query and paste it into the SQL Testing Text Box. Remove the semi-colon at the end of the query.

▶ **Test the Query**

- ▶ Click on the **Test** button and wait for the report to be generated.

▶ **View Results**

- ▶ Once the report is generated, you can see the result/data at the bottom of the **Download Report** button.

▶ **Download the Report**


- ▶ Click on the **Download Report** button to download the report.

Paste the generated Sql in the SQL Testing box and remove the semi colon at the end.



← ↻ 🔒 https://sqlautomation.masteklabs.ai

Mastek Enterprise AI Oracle Report Creation

Requirement Document

Download the Reference RD from here 

Upload the Requirement Document


 **rw3_RD1206.docx**
Uploaded on: 20/2/2025
Interaction ID: RD1206 

ATTACH FILE **RESET FILE**

- File Uploaded
- SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

Consult Bot for SQL Details

 You can proceed to the Consultant Bot once the File is processed.


File has been processed.

SQL Testing

```
SELECT pssv.VENDOR_SITE_CODE,  
       pssv.ADDRESS_LINE1,  
       pssv.ADDRESS_LINE2,  
       pssv.ADDRESS_LINE3,  
       pssv.ADDRESS_LINE4,
```

CLEAR **▶** **TEST**

DOWNLOAD REPORT



Click on Test on Button and wait for the report to be generated.

The screenshot shows the 'Mastek Enterprise AI' web application interface for 'Oracle Report Creation'. The browser address bar shows the URL 'https://sqlautomation.masteklabs.ai'. The interface is divided into several sections:

- Requirement Document**: A section at the top left with a link to 'Download the Reference RD from here' and a Word icon.
- Upload the Requirement Document**: A section below the first, showing an uploaded file 'rw3_RD1206.docx' with a trash icon. It includes 'ATTACH FILE' and 'RESET FILE' buttons. A progress indicator shows 'File Uploaded' and 'SQL Generating Consultant Bot'.
- Consult Bot for SQL Details**: A section on the right with a chatbot icon and the message 'You can proceed to the Consultant Bot once the File is processed.'
- File has been processed.**: A green status message.
- SQL Testing**: A section with a text area containing SQL code:

```
SELECT pssv.VENDOR_SITE_CODE,  
       pssv.ADDRESS_LINE1,  
       pssv.ADDRESS_LINE2,  
       pssv.ADDRESS_LINE3,  
       pssv.ADDRESS_LINE4,
```

 It includes 'CLEAR' and 'Test' (play icon) buttons.
- Please wait...**: A message below the SQL testing section.
- DOWNLOAD REPORT**: A button at the bottom.

A chat icon is visible in the bottom right corner of the interface.

Successful message generated for the generation of the report. Result of Sql query is displayed

File Uploaded

SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

SELECT pssv.VENDOR_SITE_CODE,
pssv.ADDRESS_LINE1,
pssv.ADDRESS_LINE2,
pssv.ADDRESS_LINE3,
pssv.ADDRESS_LINE4,

CLEAR

Report SQL_AUTOMATION_REPORT_20250220T082427431Z.csv generated successfully

Report Data:

DOWNLOAD REPORT

VENDOR_SITE_CODE	ADDRESS_LINE1	ADDRESS_LINE2	ADDRESS_LINE3	ADDRESS_LINE4	CITY
"Shangduo (China)"	"Zhiguang Industrial Zone"				Wenzhou
"Qingyue (China)"	"Weipan Industrial Zone"				Wenzhou
"MCS Progress US"	"7100 CARVED STONE"				COLUMBIA
"Eiffage (UK)"	"3342 Union Way"				London
"Eiffage (USA)"	"9940 Lander Way"				Springfield

Clicked on Download Report Button and the report is download in the system

File Uploaded

SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.

```
SELECT pssv.VENDOR_SITE_CODE,
       pssv.ADDRESS_LINE1,
       pssv.ADDRESS_LINE2,
       pssv.ADDRESS_LINE3,
       pssv.ADDRESS_LINE4,
```

Downloads

SQL_AUTOMATION_REPORT_20250220T082427431Z.csv

Open file

See more

Report SQL_AUTOMATION_REPORT_20250220T082427431Z.csv downloaded successfully

Report Data:

DOWNLOAD REPORT

VENDOR_SITE_CODE	ADDRESS_LINE1	ADDRESS_LINE2	ADDRESS_LINE3	ADDRESS_LINE4	CITY
"Shangduo (China)"	"Zhiguang Industrial Zone"				Wenzhou
"Qingyue (China)"	"Weipan Industrial Zone"				Wenzhou
"MCS Progress US"	"7100 CARVED STONE"				COLUMBIA
"Eiffage (UK)"	"3342 Union Way"				London
"Eiffage (USA)"	"9940 Lander Way"				Springfield



Testing Sql for Bind Variable. A prompt appears for the user to enter the value for the bind variable.

The screenshot displays the web application interface for sqlautomation.masteklabs.ai. The browser address bar shows the URL https://sqlautomation.masteklabs.ai. The interface is divided into several sections:

- Requirement Document:** A section on the left with a button "Download the Reference RD from here" and a Word icon.
- Upload the Requirement Document:** A section below the first one showing an uploaded file "rw3_RD1206.docx" with the upload date "20/2/2025" and interaction ID "RD1206". It includes "ATTACH FILE" and "RESET FILE" buttons.
- File Upload Progress:** A vertical timeline showing "File Uploaded" and "SQL Generating Consultant Bot".
- SQL Testing:** A section on the right showing a SQL query in a text area with a scrollbar. The query is:


```
HZ_CUST_ACCT_SITES_ALL hcas ON
hca.CUST_ACCOUNT_ID = hcas.CUST_ACCOUNT_ID
JOIN
HZ_PARTY_SITES hps ON hcas.PARTY_SITE_ID =
hps.PARTY_SITE_ID
WHERE
hca.CUSTOMER_TYPE = 'R'
and hps.PARTY_SITE_NUMBER =:sql party site number
```

Below the text area are "CLEAR" and "PLAY" buttons.
- Modal Dialog:** A dialog box in the center prompts the user to "Please provide a value for =:sql party site number:". The input field contains the value '1029'. There are "OK" and "Cancel" buttons.
- Status Messages:** A green message box says "File has been processed." and a grey message box with a bot icon says "You can proceed to the Consultant Bot once the File is processed."



At the bottom left, there is a note: "Keep a note of the RD ID for chatbot."

Error message appears if there is ORA error for Sql.

Requirement Document

Download the Reference RD from here 

Upload the Requirement Document


 **rw3_RD1206.docx**
Uploaded on: 20/2/2025
Interaction ID: RD1206 

ATTACH FILE **RESET FILE**

- File Uploaded
- SQL Generating Consultant Bot

Keep a note of the RD ID for chatbot.


Consult Bot for SQL Details

 You can proceed to the Consultant Bot once the File is processed.

File has been processed.

SQL Testing


```
SELECT
  papf.person_number AS employee_number,
  papf.full_name AS employee_name,
  paor.responsibility_name AS
area_of_responsibility,
  paor.responsibility_type AS responsibility_type,
  paor.start_date AS responsibility_start_date,
  paor.end_date AS responsibility_end_date
FROM
```

CLEAR 

ORA-00942: table or view does not exist

Error in generating report SQL_AUTOMATION_REPORT_20250220T084049403Z.csv

DOWNLOAD REPORT



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