SQL AUTOMATION TESTING USER MANUAL

Document Version

Version	Date	Author	Comments
1.0	24/02/2025	Vijaylaxmi Abrum	Initial Doument

Table of Contents

- Introduction
 - Overview of SQL Automation Testing
- Application URL
 - Accessing the SQL Automation Application
- Basic Steps
 - Steps to process the RD
 - Steps to interact with ChatBot
 - Steps to test Sql query using Sql textbox
 - Testing Scenario
 - Sql Query with Bind variable
 - Sql Query for ORA error
- Confidentiality

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.

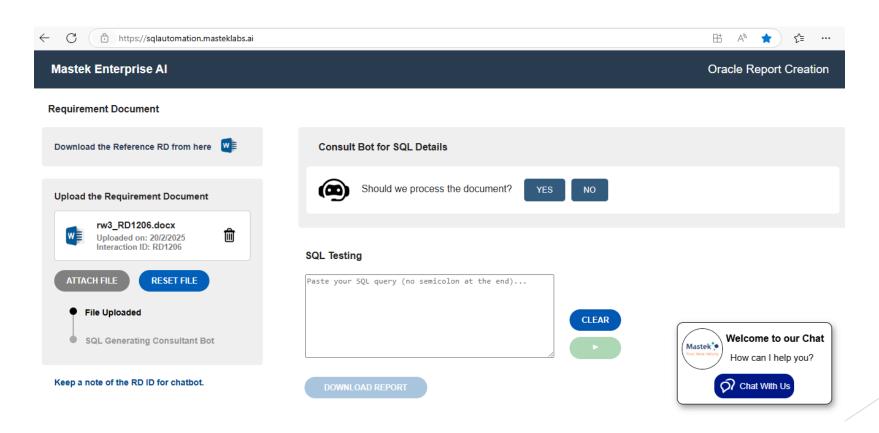
Application Url

https://sqlautomation.masteklabs.ai/

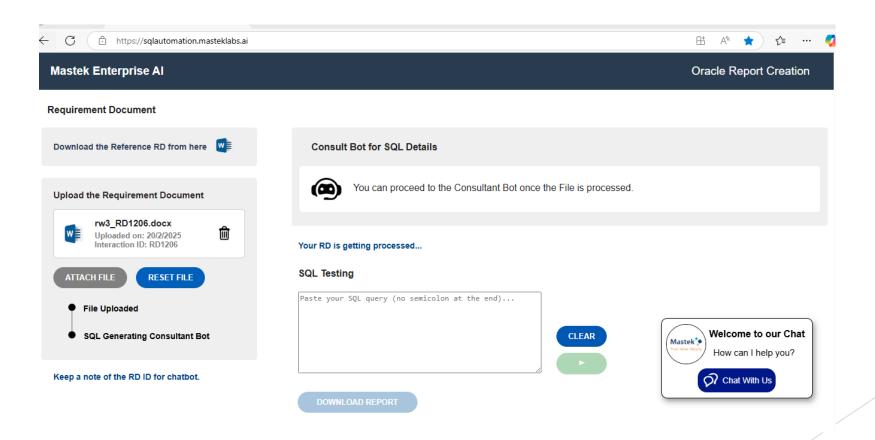
Steps to Process the RD

- 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.

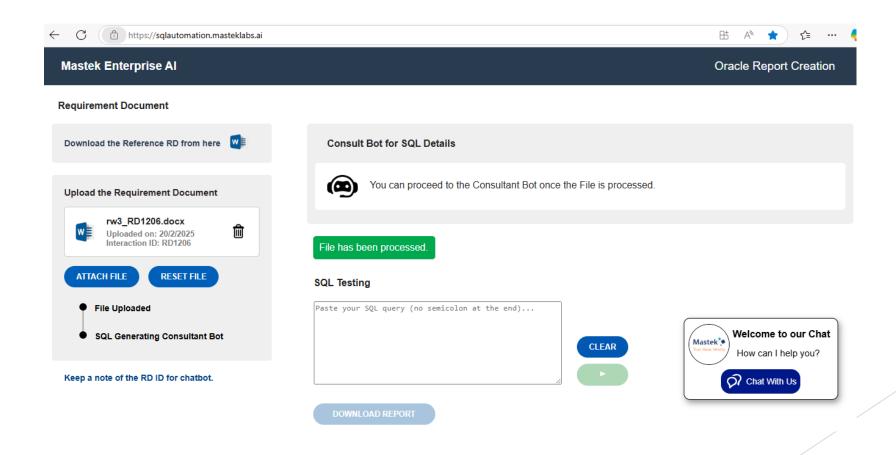
Requirement Document Uploaded. RD No is generated.



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



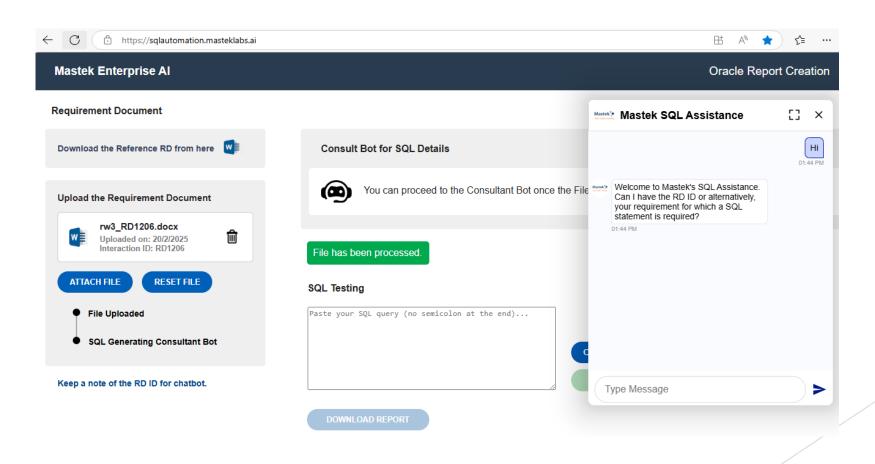
Successful message generated for the file processed



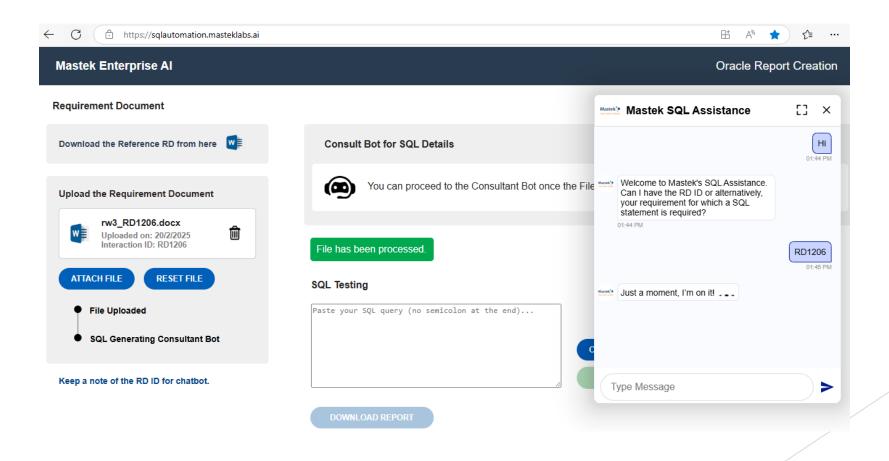
Steps to interact with ChatBot

- 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.

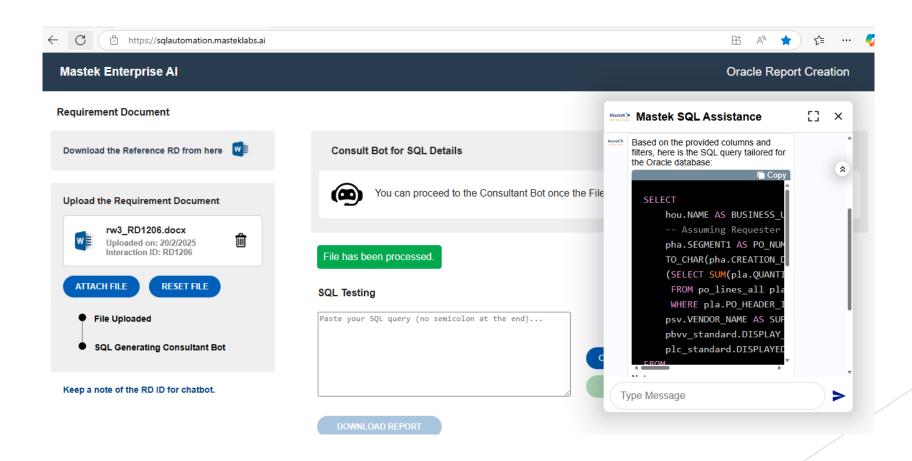
Click on Chat With Us button of the Chatbot. The Chatbot is opened.



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



Sql Query Generated



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 semicolon at the end of the query.

Test the Query

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

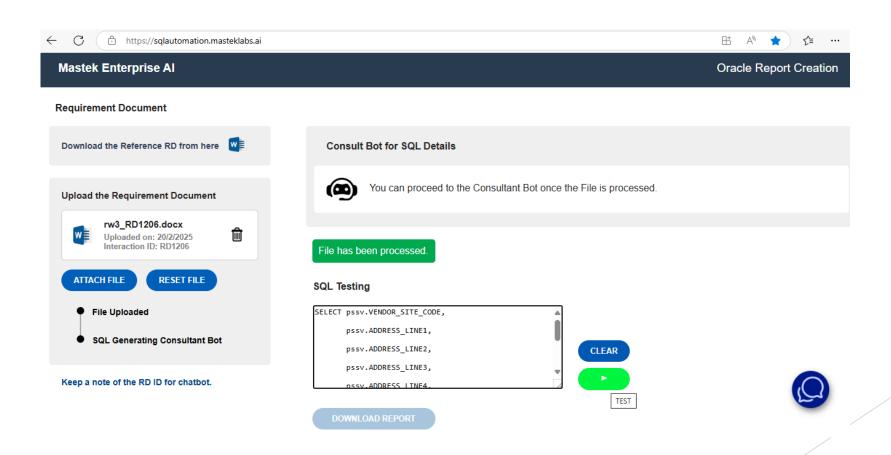
View Results

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

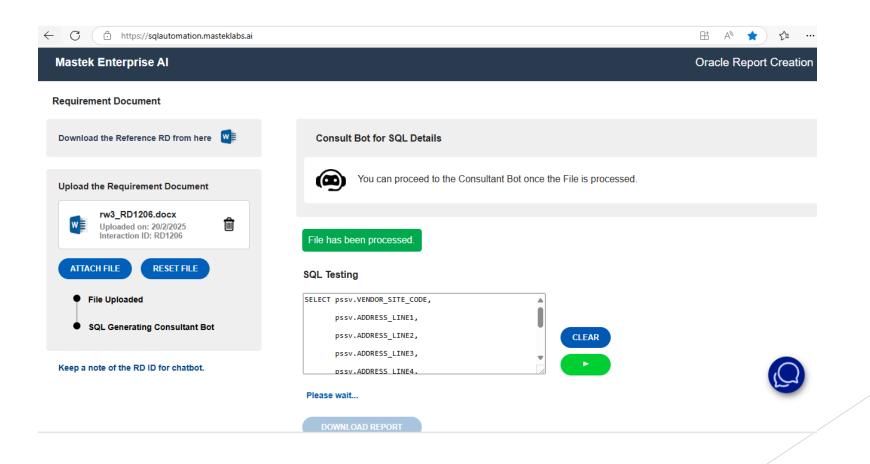
Download the Report

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

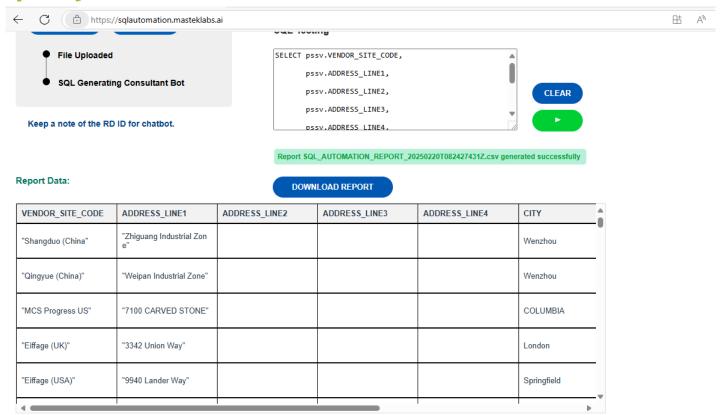
Paste the generated Sql in the SQL Testing box and remove the semi colon at the end.



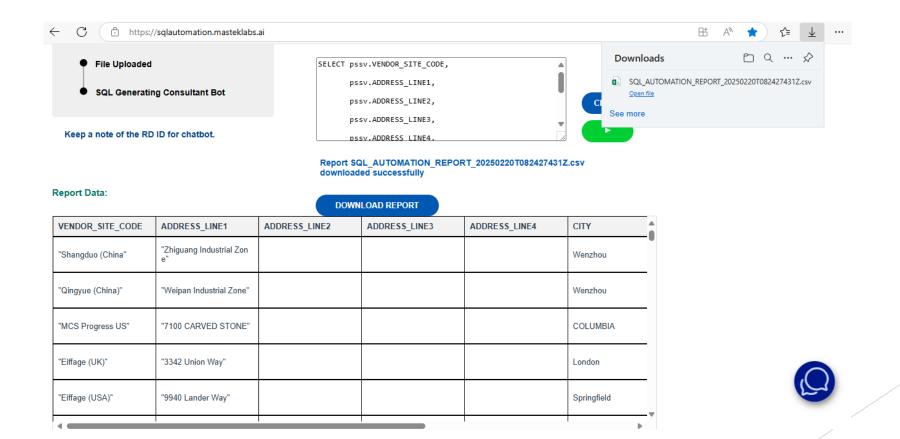
Click on Test on Button and wait for the report to be generated.



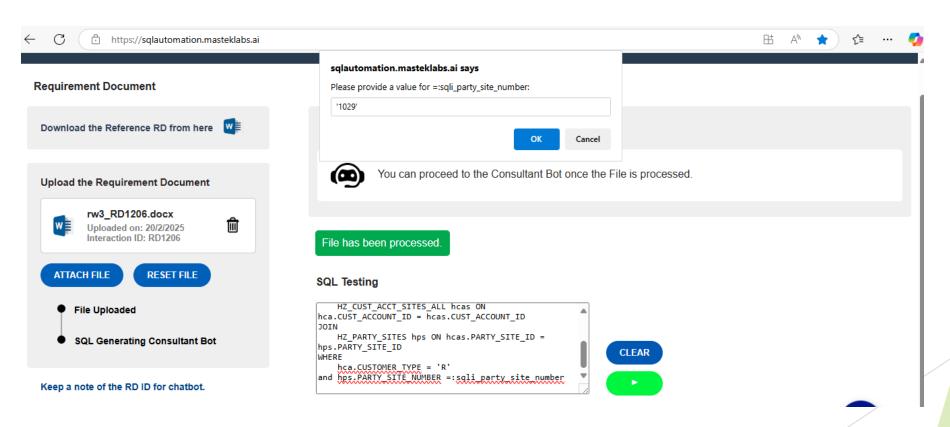
Successful message generated for the generation of the report. Result of Sql query is displayed



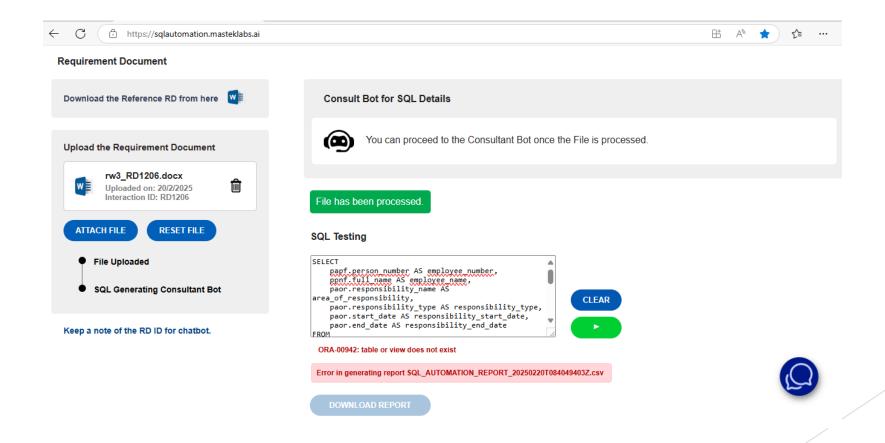
Clicked on Download Report Button and the report is download in the system



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



Error message appears if there is ORA error for Sql.



CONFIDENTIALITY



This proposal document has been prepared for the sole and exclusive use of the party or organisation to which it is addressed. Therefore, Mastek considers its proposals to be confidential and proprietary, and they may not be made available to anyone other than the addressee or persons within the addressee's organisations who are designated to evaluate or consider this proposal. Mastek proposals may be made available to other persons or organisations only with the permission of the Mastek office issuing the proposal.

The Confidential information includes:

- ☐ Corporate, employee, and infrastructure information about Mastek
- ☐ Project management, governance, and quality processes followed by Mastek
- ☐ Client references and case studies provided to depict the capability

COPYRIGHT

© 2024, Mastek Limited. All rights reserved.

All the products, company and service names, and any logos identified herein in this document may be the trademarks or service marks of their respective owners. Other than for the purposes of evaluating this proposal, no part of this work may be reproduced or transmitted in any form or by any means, including photocopying and recording, or by any information storage or retrieval system, except as may be permitted in writing by Mastek Ltd. At the completion of evaluation of the proposal, if the party or organization to which this proposal is addressed opts not to enter into business relationship with Mastek, the party or organization shall destroy this proposal and a confirmation must be sent to Mastek confirming destruction of all such confidential information.