

S.No	Module	Hands-On	Objective	Detailed Description of Hands-On
1	Working with StudioX	1. First automation using Microsoft Office	To Learn how to Read Excel and Fill Data in a Web Form using UiPath StudioX Automation	<ol style="list-style-type: none"> 1. Create an Excel Sheet and populate it with some data entries 2. Open a Web Form 3. Read the excel file entries and fill into the web form. 4. Read the output text from the web form 5. Write the output data back into the same excel file.
2	Activity Recording, UI Automation in StudioX	1. The UI automation activities	To Learn how to Launch a Desktop Application from UiPath StudioX and How to fill the data from an excel file and perform actions on Desktop Application.	<ol style="list-style-type: none"> 1. Launch a Desktop Application automatically using UiPath 2. Open an Excel File 3. Read Data from Excel File for respective filed of the Application 4. Perform desired actions on Application 5. Get Transactions numbers from the Desktop application 6. Write the generated transaction numbers back into the Excel file 7. Save the excel file.
		2. Extracting Structured data from a web Page	To Learn How the Structured data can be extracted from a web page and populate into and Excel file	<ol style="list-style-type: none"> 1. Open a Web Page contains many records on it. 2. Use Extract Table Data Activity from UiPath and Extract the data from the web page 3. Generate a preview of extracted data. 4. Copy extracted data into an excel file automatically using UiPath StudioX. 5. Save Excel file contains Extracted data.

		3. Extracting Data Patterns from a Web Page	To Learn How the Data Patterns can be extracted from a web page and populate into an Excel file	<ol style="list-style-type: none"> 1. Open a Web page contain un-structured data/Patterns. 2. Use relevant activity from UiPath Automation framework. 3. Extract the data pattern from the web page 4. Copy into an Excel File 5. Save the Excel file contains extracted data patterns.
3	Decisions, Iterations, and Scenarios in StudioX	1. Working with Decisions	To Learn the use and significance of Decisions in UiPath Automation	<ol style="list-style-type: none"> 1. Launch a Desktop Application automatically 2. Open an Excel File using UiPath StudioX 3. Read single from excel file and place a condition to check the cell is having transaction number or not. 4. If cell is blank than generate the transaction number based upon the data in excel file for that row. 5. Write back the transaction number into the empty cell. 6. If cell is not empty than put a remark in remarks columns of the same row in same excel file.
		2. Working with Iteration	To Learn the use and significance of Iterations in UiPath Automation	<ol style="list-style-type: none"> 1. Launch a Desktop Application automatically 2. Open an Excel File using UiPath StudioX 3. Read all rows using For-each Loop (Iteration) from excel file and place a condition to check the cell of each row is having transaction number or not. 4. If cell is blank than generate the transaction number based upon the data in excel file for that row.

				<ol style="list-style-type: none"> Write back the transaction number into the empty cell for each row. If cell is not empty than put a remark in remarks columns of the same row in same excel file and iterate the task for each row of the same excel file.
		3. Working with Switch Case/Scenarios	To Learn the use and significance of Iterations in UiPath Automation	<ol style="list-style-type: none"> Launch a Desktop Application automatically Open a different Excel File using UiPath StudioX contains different scenarios. Use Switch case activity and write multiple cases for different scenarios. For each scenario perform different actions on desktop application. Write the generated results into the Excel file separately for individual scenarios.
4	File, Folder Automation in StudioX	1. File and Folder Automation using StudioX	To Learn how to access each file and sub-folder of Folder	<ol style="list-style-type: none"> Extract a Zip (Unzip) file automatically using StudioX contain four excel file. Copy each Extracted file into a separate folder Rename all files and save back to the same folder. Compress/Zip the renamed file so that they can be emailed again to the respective person.

		2. Microsoft Excel Automation	To Learn how to Automation various option of Excel	<ol style="list-style-type: none"> 1. Automate Cell activities 2. Automate Range activities 3. Automate Pivot activities 4. Automate Chart activities 5. Automate Workbook activities
5	Email Automation using StudioX	1. Microsoft Outlook Reading Email Automation	To Learn how to Read emails automatically using StudioX	<ol style="list-style-type: none"> 1. Connect Email Account with StudioX 2. Open Inbox automatically 3. Read email form a specific receiver and read the body of email and save into a variable or word file.
		2. Microsoft Outlook Writing and Sending Email Automation	To Learn how to write and send emails automatically using StudioX	<ol style="list-style-type: none"> 1. Connect Email Account with StudioX 2. Write an Email based upon the text available in variables or file. 3. Send the email automatically using StudioX.
		3. Downloading Attachment from Email Automation (Outlook)	To Learn how to Download attachments from emails automatically using StudioX	<ol style="list-style-type: none"> 1. Connect Email Account with StudioX 2. Open Inbox automatically 3. Read email form a specific receiver and download all attachments and save into a folder for further process. 4. Read those attachments and perform actions based on the data in attached files. 5. Send back the processed files as an attachment.

6	Handle Errors in StudioX	1. Validate and analyse your project	To Learn how to analyse the Automation for any errors	<ol style="list-style-type: none"> 1. Develop a new Automation project with complete functionality. 2. Use Analyse tab of StudioX 3. Check the Log to see any type of warning or error message.
		2. Troubleshoot your project	To Learn how to troubleshoot the errors in a Automation Project	<ol style="list-style-type: none"> 1. Develop a new Automation project with complete functionality and add some errors into it. 2. Use StudioX in-built functionality to generate error message. 3. Learn how to interpret the error message and find the cause of errors.
		3. Automation best practices	To Learn some of the best practices to be followed in a Automations Project Development	<ol style="list-style-type: none"> 1. Develop a new Automation project with complete functionality and add some errors into it. 2. Add some activities like MessageBox, Write Line activity to check the output of the activates. 3. Use similar kind of best practices to be used in effective Automation development.