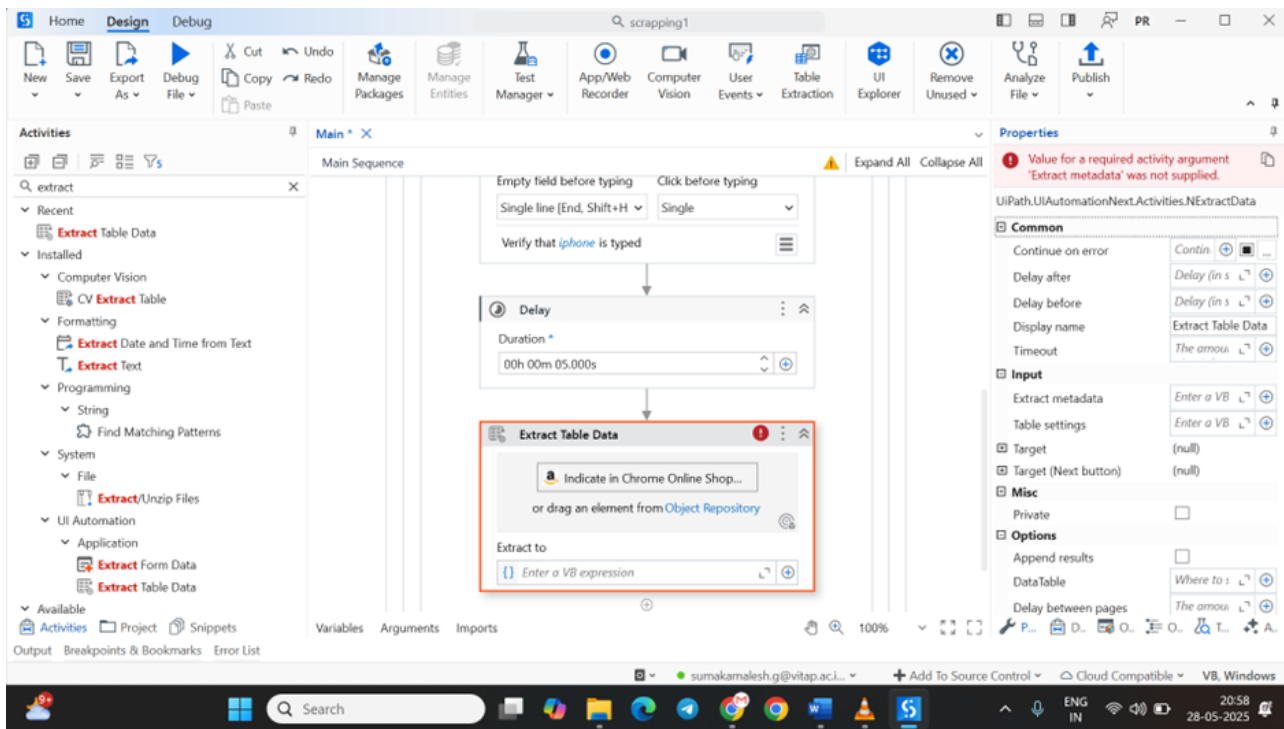


Amazon iPhone 16 Data Extraction Project Report

1. Introduction

This project automates the extraction of iPhone 16 product information from the Amazon India website using UiPath. It involves navigating to Amazon, performing a product search, extracting product names and prices, and storing the data in an Excel sheet.



2. Search Initialization

The automation begins by opening the Amazon India website in Chrome. It types the search query 'iPhone 16' in the search bar and presses Enter to view the results.

The screenshot shows a web browser window with the Amazon India product page for the iPhone 15 (128 GB). A 'Table Extraction' dialog box is open, displaying a cartoon character and instructions to select data for extraction. The background shows the product details, including the price of ₹59,900 and the 'Shop Apple' button.

Using UiPath's Table Extraction wizard, we configure the selection of product name and price columns. We preview the data before extracting to ensure correctness.

4. Workflow Design in UiPath


Amazon iPhone 16 Data Extraction Project Report

The UiPath sequence includes activities like opening the browser, typing the search term, adding delays, extracting the table data, and writing the data into an Excel file.

Amazon iPhone 16 Data Extraction Project Report

Sequence

Chrome Online Shopping site in India Shop Onl

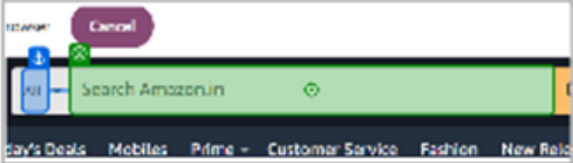


Browser URL *

{ "https://www.amazon.in/"

Do

Type Into 'All'



Type this ☒ Standard ☐ Secure

{ "iphone 16{k(Enter)}"


Empty field before typing Click before typing

Delay

Duration *

00h 00m 05.000s

Extract Table Data 'Extract Table Data'



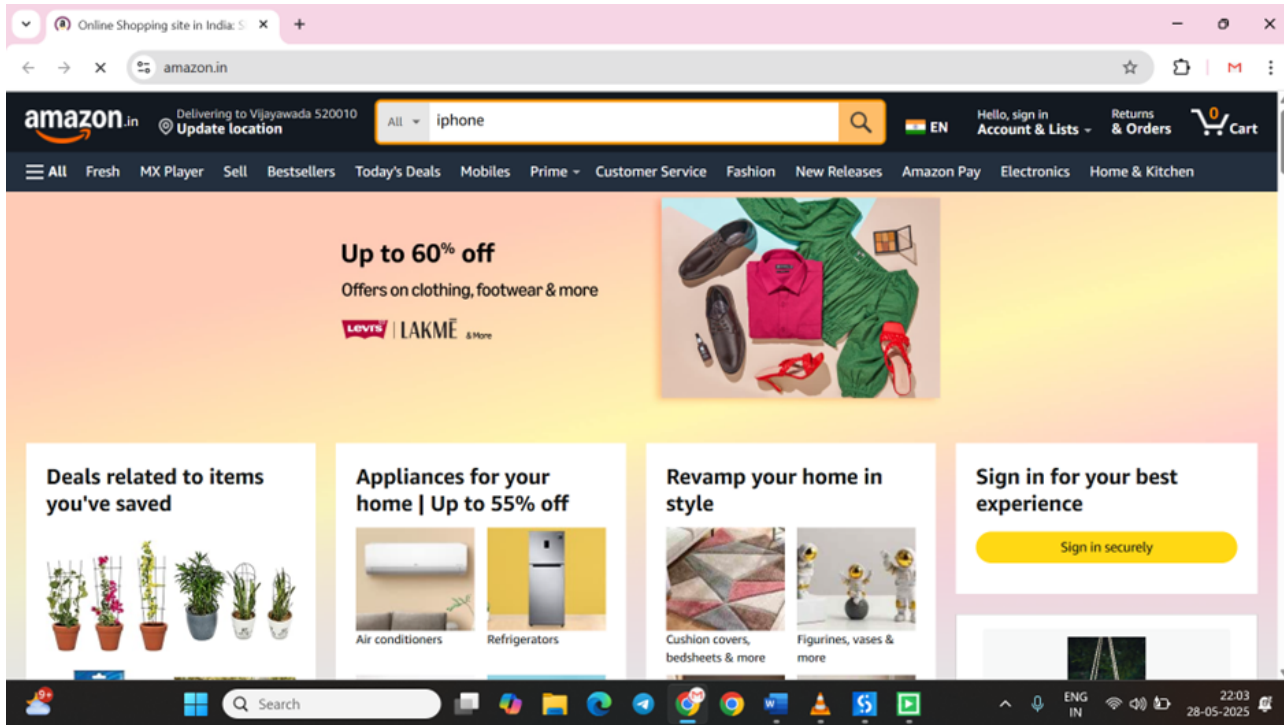
Extract to

{ ExtractDataTable

Amazon iPhone 16 Data Extraction Project Report

5. Running the Process

Once the bot is triggered, it opens the browser, searches for the iPhone 16, extracts relevant data, and stores the output in the designated Excel file.



6. Final Output in Excel

The final extracted data is stored in an Excel sheet, showing the product names and corresponding prices.

Amazon iPhone 16 Data Extraction Project Report

	name of product	price of product							
1	iPhone 16	1,12,900							
2	iPhone 16	1,35,900							
3	iPhone 16	1,10,900							
4	iPhone 16	1,22,900							
5	iPhone 16	1,22,900							
6	iPhone 16	1,12,900							
7	iPhone 16	1,22,900							
8	iPhone 16	1,12,900							
9	iPhone 16	1,12,900							
10	iPhone 16	1,12,900							
11	iPhone 16	1,22,900							
12	iPhone 16	1,59,900							
13	iPhone 16	1,62,900							
14	iPhone 16	83,500							
15	iPhone 16								
16	iPhone 16	83,500							
17	iPhone 16	1,42,900							
18	iPhone 16	1,55,900							
19	iPhone 16	1,34,900							
20	Samsung	1,41,999							
21	Samsung	89,800							
22	Samsung	84,999							
23	Samsung	1,29,999							
24	Inlight Cine	2,399							
25	Samsung	1,41,999							
26	Samsung	84,999							
27	VONZEE	299							
28	iPhone 16	1,72,900							

7. Conclusion

This project demonstrates how web automation using UiPath can effectively gather product information from e-commerce platforms. The extracted data is ready for further processing or analysis.