

# Flow Table Extractor

## For Chrome Users

This step-by-step guide shows you how to install and use the Flow Table Extractor extension.

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## 📦 Installation (One-Time Setup)

### Step 1: Download the Extension

1. Download `flow-table-extractor.zip`
2. Unzip the file to a folder on your computer
3. Remember where you saved it!

### Step 2: Install in Chrome

#### Open Chrome Extensions Page:

1. Open Chrome browser
2. Type in address bar: `chrome://extensions/`
3. Press Enter

! [Extensions Page] (Or navigate: Menu ( ⋮ ) → Extensions → Manage Extensions)

#### Enable Developer Mode:

1. Look at the top-right corner
2. Find the toggle switch "Developer mode"
3. Turn it ON (it should turn blue)

#### Load the Extension:

1. Click "Load unpacked" button (top-left)
2. Navigate to the `flow-table-extractor` folder you unzipped
3. Click "Select Folder"

#### Success!

You should see the Flow Table Extractor card appear:

- Green "FT" icon
- Name: "Flow Table Extractor"
- Status: ON (blue toggle)

## Step 3: Pin the Extension (Recommended)

1. Click the puzzle piece icon (🧩) in Chrome toolbar
2. Find "Flow Table Extractor"
3. Click the pin icon (📌) next to it
4. The green "FT" icon will now appear in your toolbar

# ⚙️ Configuration (One-Time Setup)

## Step 4: Configure Your Credentials

### Open the Extension:

1. Click the green "FT" icon in your Chrome toolbar
2. The Flow Table Extractor popup opens

### Configure Credentials:

1. Click the button: "**Configure Flow Credentials**"
2. A form appears with three fields

### Fill in the Form:

Flow Username:

Flow Password:

Claude API Key (optional):

For smart table parsing...

[Save All Credentials]	
[Cancel]	

### Field 1: Flow Username

- Enter your Flow Immersive username
- Use your USERNAME, not email
- Example:  (not )

### Field 2: Flow Password

- Enter your Flow Immersive password
- This is the password you use to login at a.flow.gl

### Field 3: Claude API Key (Optional)

- Leave blank if you don't have one
- Or enter your Claude API key for smart table parsing
- Example:
- Get one at: <https://console.anthropic.com/>

### Save:

1. Click "**Save All Credentials**"
2. You should see: "✓ All credentials saved securely!"
3. Credentials are saved and you'll never need to enter them again!

## What is Claude API Key?

**Claude AI** helps parse complex tables with:

- Multi-row headers
- Merged cells
- Nested structures

### Do you need it?

- No - for simple tables (most tables)
- Yes - for Wikipedia-style complex tables
- Yes - for financial reports with grouped columns

**Cost:** ~\$0.01-0.03 per table (1-3 cents)

## How to get one:

1. Go to <https://console.anthropic.com/>
  2. Sign up (free)
  3. Go to "API Keys"
  4. Click "Create Key"
  5. Copy the key (starts with `sk-ant-`)
  6. Paste into the extension
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# 📄 Using the Extension

## Step 5: Navigate to a Page with Tables

### Examples of good pages:

- Wikipedia data tables
- Financial reports
- Product comparison pages
- Any page with HTML tables

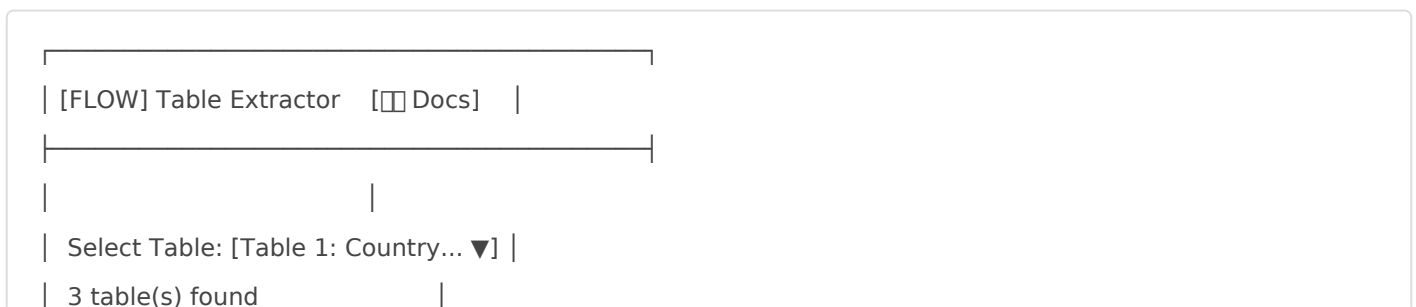
### Example:

1. Go to Wikipedia
2. Search for "List of countries by population"
3. You'll see tables with data

## Step 6: Open the Extension

Click the green **"FT"** icon in your toolbar.

The popup shows:



| |

| Dataset Title: [My Dataset \_\_\_\_\_] |

| |

|  Use Claude AI for smart parsing |

| |

| [Extract & Upload to Flow] |

| [Configure Flow Credentials] |

| |

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| Flow Immersive, Inc. |

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## Step 7: Select a Table

### Table Dropdown:

- Shows all tables found on the page
- Preview format: "Table 1: FirstColumn, SecondColumn... (X rows)"
- Click dropdown to see all available tables
- Select the table you want to extract

### No tables found?

- The page doesn't have HTML `<table>` elements
- Try a different page

## Step 8: Enter Dataset Title

### In the "Dataset Title" field:

- Enter a descriptive name for your data
- Examples:
  - Country Population 2024
  - Q4 Sales Data
  - Product Comparison
- Make it clear and memorable!

### Version Control:

- If you use the same title again, Flow creates a new version
- Useful for tracking changes over time

# Step 9: Choose Parsing Mode (Optional)

**Checkbox: "Use Claude AI for smart table parsing"**

**When to check this box:**

- Table has multi-row headers
- Table has merged cells
- Complex Wikipedia-style tables
- Financial reports with nested columns

**When to leave unchecked:**

- Simple tables (one header row)
- You don't have a Claude API key
- You want fastest extraction

**Example tables that need Claude:**

Simple table (no Claude needed):

Country	Population	Area
USA	331M	9.8M

Complex table (use Claude):

Country	Statistics			
	2023	2024	Pop	Area
USA	331M	9.8M	334M	9.8M

# Step 10: Extract!

Click the big green button: **"Extract & Upload to Flow"**

## What happens:

### Status message appears:

- Without Claude: "Uploading to Flow..."
- With Claude: "Analyzing table with Claude AI..."

### Processing time:

- Simple tables: 2-5 seconds
- With Claude AI: 5-10 seconds

### Success message:

✓ Success! Uploaded 150 rows to Flow dataset "Country Population 2024"

### Error message (if something goes wrong):

❌ Flow Authentication Failed

Details: Invalid username or password.

❌ Suggestion: Update your Flow credentials in "Configure Flow Credentials".

## Step 11: View in Flow

1. Go to Flow Immersive (a.flow.gl)
2. Navigate to a Flow and your datasets via the Manage Datasets button
3. Find the dataset by the title you entered

## ❏ Tips & Tricks

### Tip 1: Test Your Credentials

If you're getting authentication errors:

#### Quick Test:

1. Go to a.flow.gl
2. Try logging in with your credentials
3. If it works there but not in the extension:
  - Make sure you're using USERNAME (not email)
  - Re-enter credentials in the extension

## Tip 2: Documentation Button

Click the blue "📖 Docs" button in the extension header to:

- Read detailed documentation
- See troubleshooting guides
- Learn advanced features

## Tip 3: Multiple Tables

If a page has many tables:

1. Extract them one at a time
2. Use different dataset titles
3. Or use the same title for versions

## Tip 4: Complex Tables

Wikipedia tables often have complex structures:

1. Check "Use Claude AI"
2. Takes a bit longer
3. Much better results!

**Example:** "List of largest companies" on Wikipedia

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## 📖 Troubleshooting

Problem: "Cannot connect to backend server"

**Solution:** The backend server is hosted and should always be running. If you see this error:

1. Wait a moment and try again
2. Check your internet connection
3. Contact Flow if problem persists

## Problem: "Flow Authentication Failed"

**Cause:** Wrong username or password

**Solution:**

1. Click "Configure Flow Credentials"
2. Make sure you're using:
  - USERNAME (not email)
  - Correct password
3. Test login at flowimmersive.com first
4. Re-enter credentials and save

## Problem: Claude AI checkbox is grayed out

**Cause:** No Claude API key configured

**Solution:**

1. Click "Configure Flow Credentials"
2. Add your Claude API key
3. Save
4. Checkbox will become available

## Problem: Upload is slow

**Normal speeds:**

- Simple tables: 2-5 seconds
- Claude AI parsing: 5-10 seconds
- Very large tables: up to 30 seconds

**If slower:**

- Check your internet connection

- Wait for timeout message
  - Try again
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## ☐☐ Common Workflows

### Workflow 1: Quick Wikipedia Data Extract

1. Go to Wikipedia article with data
2. Click "FT" icon
3. Select table from dropdown
4. Enter title:
5. Leave Claude unchecked (try it first)
6. Click "Extract & Upload to Flow"
7. If table looks messy in Flow:
  - Try again with "Use Claude AI" checked

### Workflow 2: Complex Financial Table

1. Navigate to financial report website
2. Find the data table
3. Click "FT" icon
4. Select table
5. Enter title:
6. ✓ Check "Use Claude AI" (complex table!)
7. Click "Extract & Upload to Flow"
8. Wait 5-10 seconds
9. View perfectly formatted data in Flow!

### Workflow 3: Regular Data Updates

Same dataset, multiple versions:

1. Extract table from website
  2. Use same dataset title each time
  3. Example:
  4. Flow creates new version automatically
  5. Track changes over time!
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# 📄 Setup Checklist

Before using the extension:

- Downloaded and unzipped extension
- Installed in Chrome (chrome://extensions/)
- Enabled Developer mode
- Pinned extension to toolbar
- Configured Flow credentials
- (Optional) Added Claude API key
- Tested on a simple table

**You're ready to extract tables!** 📄

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## 📄 Pro User Tips

### Dataset Organization

Use consistent naming:

- `Company - Data Type - Date`
- Example: `Acme Corp - Sales - 2024-Q4`

### Claude AI Usage

Save money:

1. Try without Claude first
2. If table is messy → Use Claude
3. Simple tables don't need it!

### Version Control

Track data over time:

1. Use same title weekly/monthly
  2. Flow creates versions automatically
  3. Compare changes in Flow
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## Happy Table Extracting! ☐☐

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Revision #3

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