

Mapping for data collection

Let's explore how to map data on example.

Collector:

 **Amazon best-sellers**
Collect best sellers products by URL

Target URL:

https://www.amazon.com/Best-Sellers-Electronics/zgbs/electronics/ref=zg_bs_nav_0

Terminology of data collection:

- **Discovery collector** - is a collector that collects and finds product page URLs;
- **Product Description Page (PDP)** - is a collector that collects all information from the product URL.

Mapping checklist table

Name fields	Available Y/N	Step #1 Discovery	Step #2 Product Description Page (PDP)	Location of element
URL	Y	Y	Y	window.location
ASIN	Y	Y	Y	window.location
Position	Y	Y	N	Page
Breadcrumbs	Y	N	Y	Page
Product_name	Y	Y	Y	Page
Price	Y	N	Y	Page
Brand	Y	N	Y	Page
Model	Y	N	Y	Page
Description	Y	N	Y	Page
Rating	Y	Y	Y	Page
Reviews_Counter	Y	Y	Y	Page
Product_images	Y	N	Y	Page

Step #1 - Discovery

Input:

https://www.amazon.com/Best-Sellers-Electronics/zgbs/electronics/ref=zg_bs_nav_0



Amazon Best Sellers

Our most popular products based on sales. Updated hourly.


- Any Department
- Electronics
 - Accessories & Supplies
 - Camera & Photo
 - Car Electronics
 - Cell Phones & Accessories
 - Computers & Accessories
 - GPS & Navigation
 - Headphones
 - Home Audio & Theater
 - Marine Electronics
 - Office Electronics
 - Portable Audio & Video
 - Security & Surveillance
 - Service & Replacement Plans
 - Televisions & Video
 - Video Game Consoles & Accessories
 - Wearable Technology
 - eBook Readers & Accessories

Best Sellers in Electronics

URL

#1

Position



Fire TV Stick 4K streaming device with latest Alexa Voice Remote (includes TV controls), Dolby Vision


★★★★★ 88,804

4 offers from \$26.24

Product name

#2

URL



Fire TV Stick with Alexa Voice Remote (includes TV controls), HD streaming device

★★★★★ 195,690

1 offer from \$39.99

#3




Apple AirTag

★★★★★ 39,249

7 offers from \$26.68

Review counter

Rating




Echo Dot (4th Gen, 2020 release) | Smart speaker with Alexa | Charcoal

★★★★★ 33,738

3 offers from \$37.99

#5




Roku Streaming Stick 4K 2021 | Streaming Device 4K/HDR/Dolby Vision with Roku Voice Remote and TV Controls

★★★★★ 14,490

\$39.00

#6



Fire TV Stick 4K Max streaming device, Wi-Fi 6, Alexa Voice Remote (includes TV controls)

★★★★★ 46,181

1 offer from \$54.99

Step #2 - PDP

Input:

<https://www.amazon.com/Vision-Indoor-Outdoor-Camera-Assistant/dp/B08R59YH7W/r ef=zg bs 502394 1/131-1557735-0271625?pd rd i=B09Y7GDVG6&th=1>

amazon Deliver to Portugal All

Camera & Photo Deals Best Sellers DSLR Cameras Mirrorless Cameras Lenses Point-and-Shoots Sports & Action Cameras Camcorders Photography Drones Security Cameras Accessories

LaView Security Camera Outdoor with Color Night Vision, 2K Wired Cameras for Home Security, IP66 Waterproof Camera, 24/7 Live Video, 2 Way Audio, Cloud Storage/SD Slot, Compatible with Alexa

Electronics > Camera & Photo > Video Surveillance > Surveillance Cameras > Bullet Cameras ← **Breadcrumbs**

Wyze Cam v3 with Color Night Vision, Wired 1080p HD Indoor/Outdoor Video Camera, 2-Way Audio, Works with Alexa, Google Assistant, and IFTTT

Visit the WYZE Store
★★★★★ 44,364 ratings
Amazon's Choice in Bullet Surveillance Cameras by WYZE

Price: **\$35.98** ← **Price**
No Import Fees Deposit & \$9.62 Shipping to Portugal Details

Style: **Wyze Cam v3**

Wyze Cam v3 \$35.98	Wyze Cam v3 + Cam... 1 option from \$41.17	Wyze Cam v3 2 Pack \$70.96	Wyze Lamp Socket \$16.98	Wyze Outdoor... \$19.68
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Indoor/Outdoor Usage Outdoor, Indoor
Brand **WYZE** ← **Brand**
Connectivity Technology **Wired** ← **Model**
Room Type Office, Kitchen, Living Room, Bedroom, Study Room, Hallway
Form Factor Cube

Roll over image to zoom in

↑ **Product images**

Model → **About this item**

- Color night vision: An all-new Starlight Sensor records night time video in full, vivid color. The Starlight Sensor can see full color in environments up to 25x darker than traditional video cameras and the new f/1.6 aperture captures 2x more light.
- Indoor/Outdoor: Wyze Cam v3 is a wired video camera with an IP65 rating so you can confidently install it outside in the rain or inside in the kids' room. Wyze Outdoor Power Adapter (sold separately) required for outdoor use. Phone Compatibility - Android 5.0+, iOS 9.0+.
- Motion & Sound detection: Wyze Cam records video when motion or sound is detected and sends an alert straight to your phone. Motion Detection Zones and custom settings allow you to adjust the sensitivity of detection or turn it off completely.
- 24/7 Continuous Recording: Continuous video recording with a 32GB MicroSD card (sold separately). Just insert the MicroSD into the base of the Wyze Cam and you're all set.
- IFTTT certified connect all of your different apps and devices. When you sign up for a free account,

\$35.98
No Import Fees Deposit & \$9.62 Shipping to Portugal Details
Delivery **Wednesday, May 4**
Or fastest delivery **Tuesday, April 26**. Order within 6 hrs 26 mins
Deliver to Portugal
In Stock.
Qty: 1
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Ships from Amazon.com
Sold by Amazon.com
Return policy: Eligible for Return, Refund or Replacement within 30 days of receipt
Support: Free Amazon product support included
Add other items:
 Amazon Basics 64GB microSDXC Memory Card wi... **\$19.46**
 Amazon Basics 256GB microSDXC Memory Card wi... **\$37.73**
 Add a gift receipt for easy returns
Add to List
Share

Fill your Mapping Boilerplate and attach this file

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