

### **Background and Objectives:**

This is a data scraping project that involves identification of insurance listings on products sold on Amazon. The aim is to scrape all products listed under the following categories on Amazon UK, France, Spain and Italy:

- Home - All Products
- Furniture - All Products
- Luggage - All Products
- Electronic Toys - All Products
- Sporting goods -
  - Odometers, Weight Benches, Home Gyms, Cycling Exclusives, Outdoor Navigation, Sports Technology Exclusives, Swimcomputers, Dumbbells & Weights, Training Equipments, Sports radars and Sailing Electronics and Navigation

### **Aim of the Exercise:**

The goal is to scrape all products under the above mentioned categories and check the availability of Insurance products under these categories. The exercise aims to identify the following:

1. Number of products in each category
2. % of products displaying insurance
3. Various data points on insurance price, insurer, etc

### **Data Scraping Links:**

The data scraping will take place on the following URLs:

- *Amazon UK* - <https://www.amazon.co.uk/>
- *Amazon Italy* - <https://www.amazon.it/>
- *Amazon Spain* - <https://www.amazon.es/>
- *Amazon France* - <https://www.amazon.fr/>

The data points to be collected from scraping along with sample data can be viewed in the excel file attached with this project brief document.

### **Example of Product Category Journey:**

The below URL explains the data journey from Amazon Home Page to final product listing page:

1. [https://www.amazon.co.uk/ref=nav\\_logo](https://www.amazon.co.uk/ref=nav_logo) – **Amazon Home Page**
2. <https://www.amazon.co.uk/b?node=11052681> – **Home & Kitchen Category Page**
3. [https://www.amazon.co.uk/b/?node=10745681&ref\\_=Oct\\_s9\\_apbd\\_odnav\\_hd\\_bw\\_bkNJ3\\_7&pf\\_rd\\_r=9TGV03GVH792JXC56J9Z&pf\\_rd\\_p=f4b31bb4-dc17-5d60-824c-b6888a5549e8&pf\\_rd\\_s=merchandised-search-10&pf\\_rd\\_t=BROWSE&pf\\_rd\\_i=11052681](https://www.amazon.co.uk/b/?node=10745681&ref_=Oct_s9_apbd_odnav_hd_bw_bkNJ3_7&pf_rd_r=9TGV03GVH792JXC56J9Z&pf_rd_p=f4b31bb4-dc17-5d60-824c-b6888a5549e8&pf_rd_s=merchandised-search-10&pf_rd_t=BROWSE&pf_rd_i=11052681) – **Furniture Sub Category Listing Page**
4. [https://www.amazon.co.uk/b/?node=2850888031&ref\\_=Oct\\_s9\\_apbd\\_odnav\\_hd\\_bw\\_bj5RR\\_8&pf\\_rd\\_r=R6VY85YVRJS1022E7811&pf\\_rd\\_p=b0cd6d2a-e7c0-588f-a484-b83eda3d976f&pf\\_rd\\_s=merchandised-search-10&pf\\_rd\\_t=BROWSE&pf\\_rd\\_i=10745681](https://www.amazon.co.uk/b/?node=2850888031&ref_=Oct_s9_apbd_odnav_hd_bw_bj5RR_8&pf_rd_r=R6VY85YVRJS1022E7811&pf_rd_p=b0cd6d2a-e7c0-588f-a484-b83eda3d976f&pf_rd_s=merchandised-search-10&pf_rd_t=BROWSE&pf_rd_i=10745681) – **Home Entertainment Furniture Sub-Category Page**
5. [https://www.amazon.co.uk/b/?node=310196011&ref\\_=Oct\\_s9\\_apbd\\_odnav\\_hd\\_bw\\_b36w2D1\\_0&pf\\_rd\\_r=5VHFSPQ383RFEG56XVB7&pf\\_rd\\_p=ee381a49-210c-5469-a0d5-eb89e89697b5&pf\\_rd\\_s=merchandised-search-10&pf\\_rd\\_t=BROWSE&pf\\_rd\\_i=2850888031](https://www.amazon.co.uk/b/?node=310196011&ref_=Oct_s9_apbd_odnav_hd_bw_b36w2D1_0&pf_rd_r=5VHFSPQ383RFEG56XVB7&pf_rd_p=ee381a49-210c-5469-a0d5-eb89e89697b5&pf_rd_s=merchandised-search-10&pf_rd_t=BROWSE&pf_rd_i=2850888031) – **TV Mounts, Stands & Turntables products listing page**
6. [https://www.amazon.co.uk/Invision%C2%AE-Ultra-Swivel-Bracket-Mount/dp/B010G6972O/ref=sr\\_1\\_3?\\_encoding=UTF8&c=ts&dchild=1&keywords=TV+Mounts%2C+Stands+%26+Turntables&qid=1621851879&s=home-theater&sr=1-3&ts\\_id=310196011](https://www.amazon.co.uk/Invision%C2%AE-Ultra-Swivel-Bracket-Mount/dp/B010G6972O/ref=sr_1_3?_encoding=UTF8&c=ts&dchild=1&keywords=TV+Mounts%2C+Stands+%26+Turntables&qid=1621851879&s=home-theater&sr=1-3&ts_id=310196011) – **Actual Product listing Page**

## Screenshot of Data to be scraped:

**Invision TV Wall Bracket Mount for 24-55 Inch Screens, VESA 100x100mm up to 400x400mm, Tilts Swivels & Extends for Flat & Curved TVs, Includes Spirit Level, Weight Capacity 36.2kg [HDTV-E]**

Visit the Invision Store  
★★★★★ 22,930 ratings | 1000+ answered questions  
Amazon's Choice for "tv wall brackets"  
Climate Pledge Friendly

Price: **£25.99**  
Voucher: ☐ Apply 5% voucher  
Details

Pay ~~£5.99~~ **19.99**: Get £6 extra with your first Top Up. \*Terms and conditions apply. Learn more  
Available at a lower price from other sellers that may not offer free Prime delivery.  
New & Used (9) from **£19.57 & FREE Delivery** on orders dispatched by Amazon over £20.00.

<b>Mounting type</b>	Wall Mountable, VESA 100x100mm up to 400x400mm
<b>Movement type</b>	Tilts, Swivels and Extends
<b>Brand</b>	Invision
<b>Material</b>	Metal
<b>TV size</b>	55 Inches
<b>Colour</b>	Black
<b>Minimum compatible size</b>	24 Inches
Compatible devices	Televisions
<a href="#">See more</a>	

**About this item**

- ✓ **ENGINEERED FOR STRENGTH** – Invision Technology have designed this product for strength and stability. Manufactured with cold-rolled steel, giving you the confidence that your TV is safe and secure whilst mounted to the wall. The HDTV-E is equipped with stress tested load-bearing compression hinges to eliminate the risk of any bending when fully extended. Backed by a full 25-year warranty we hope this gives you peace of mind knowing you and your TV are in safe hands
- ✓ **WIDER VIEWING ANGLES** – Enhance your cinematic experience with smooth & easy adjustable viewing angles. Eliminate that annoying glare with our single touch tilting operation and customise your viewing angles from absolutely anywhere in the room, with 180° of horizontal full motion swivel left to right and vertical tilt angle ranging from -5° to +8°, plus a rotation feature for finer level adjustments you can count on getting the optimum viewing experience every time
- ✓ **PERFECT SOLUTION** – The HDTV-F is a great all-round TV wall mount that offers full-motion tilt and swivel

**Buy new:** **£25.99**

FREE delivery: **Thursday, May 27** in the UK [Details](#)  
Fastest delivery: **Tomorrow**  
Order within 11 hrs 25 mins [Details](#)

📍 Deliver to Shivendra  
- Hatfield AL10 8SG

In stock.

Quantity:

[Add to Basket](#)

[Buy Now](#)

Secure transaction

Sold by Invision Technology (UK) Limited and Fulfilled by Amazon.

Item arrives in packaging that reveals what's inside. To hide it, choose **Ship in Amazon packaging** at checkout.

☐ Yes, I want a free trial with **FREE Premium Delivery** on this order.  
[Fast, FREE Delivery](#)

**Add Extra Protection?**  
Check if this cover meets your needs:

- ☐ 2-year Full Furniture Protection for **£1.22**
- ☐ 3-year Full Furniture Protection for **£1.62**

### Product details

**Is Discontinued By Manufacturer** : No

**Product Dimensions** : 39.5 x 31 x 5.7 cm; 3.71 Kilograms

**Date First Available** : 26 Jun. 2015

**Manufacturer** : Invision Technology

**ASIN** : B010G69720

**Item model number** : HDTV-E

**Best Sellers Rank** : 31 in Electronics & Photo (See Top 100 in Electronics & Photo)  
1 in TV Wall & Ceiling Mounts

**Customer reviews** : ★★★★★ 22,930 ratings

## Important Note:

The final data to be scraped from link 6 above, All details required are mentioned in the sample excel file attached with the brief document. All the data points mentioned in the Excel Document have to be collated for all 4 country links mentioned above.

In both these cases, we intend to capture all the details mentioned in the data points table above. The key identifier here would be the ASIN number, which is a unique number

pertaining to that particular product. Therefore it is vital to get all the information about the product as mentioned above.

**Support:**

- Point of contact
- Any technical or project related assistance in need be

**Deliverables:**

A CSV file for each of the following:

1. Amazon.co.uk Home
2. Amazon.co.uk Furniture
3. Amazon.co.uk Luggage
4. Amazon.co.uk Electronic Toys
5. Amazon.co.uk Sporting Goods