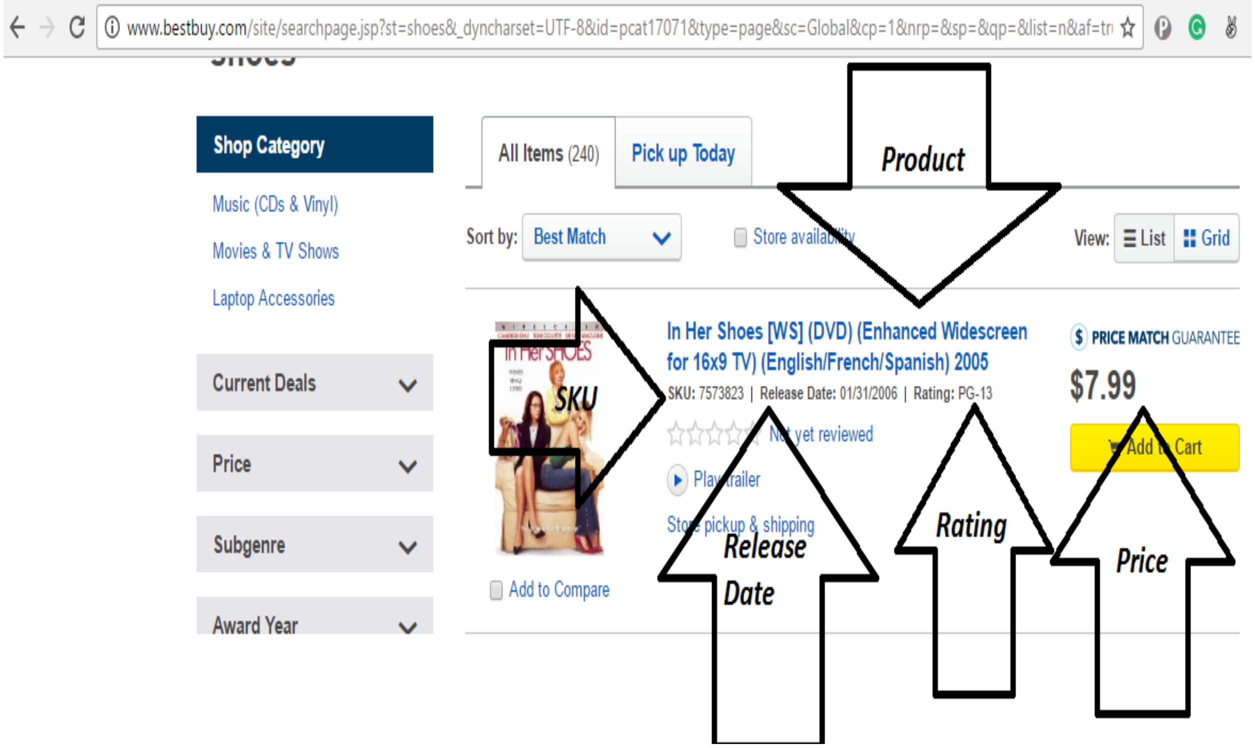
Information Integration on the Web Assignment 3 : Wrapper

1) Base URI used for extracting information: http://www.bestbuy.com/

Best Buy is the ecommerce website similar to Amazon.com which is used to buy and sell electronics and other goods item.

Field	Description
product	Name of the product to be sold. Eg. G50 Black Lenovo Laptop
price	Price of the product. Eg. $1250
Rating	Rating of the product. Eg. 4.4
Model	Model of the product Eg. 65656GNO33
sku	SKU ID of the product Eg. 2121212122


www.bestbuy.com/site/searchpage.jsp?st=shoes&_dyncharset=UTF-8&id=pcat17071&type=page&sc=Global&cp=1&nrp=&sp=&qp=&list=n&af=tr

In Her Shoes [WS] (DVD) (Enhanced Widescreen for 16x9 TV) (English/French/Spanish) 2005

SKU: 7573823 | Release Date: 01/31/2006 | Rating: PG-13

$7.99

2/3) Tool used for scrapping as well as wrapping was Portia.

Link : https://portia-beta.scrapinghub.com/#/projects/105366

Project Name : bestbuy
Spiders : www.bestbuy.com
Dataformat :
iphone-case---best-buy
food---best-buy
shoes---best-buy
ninja-master-prep-pro-food-and-drink-mixer-black

The wrapper used was the one provided by the scrappinghub. For using this wrapper initially, I provided some training examples like what is the field, type of field, how and where are they located in the HTML. The training data helps to identify the pattern formed within subsequent pages in terms like how the fields are extracted and what is the pattern before the extracted label and after the extracted label.

In this context the algorithm used is **Inductive Supervised Learning** since we are providing the training data in the beginning. Though I didn't have access to the code of Portia and have implementation details looking at the Inspector on the Portia looks like the Wrapper model they have used is **HLRT**.