Capstone Project

Web Scraping a Flipkart Product

Submitted By - Bhanumathi Ramesh

1. Problem Statement:

Scrape any of the following website(s) and scrape details for any of the products like mobile phones, TV's, Laptops, personal health equipment or anything related to your domain.

Choices of websites:

1. Flipkart.com
2. Ajio.com
3. Snapdeal.com

You can choose the website and products from the above.

2. Steps Carried out

The following steps are carried out in this project

1. Web scraping for a product on www.flipkart.com

   Procut considered for scraping - Washing machine

   Search URL - Washingmachine- Buy Products Online at Best Price in India - All Categories | Flipkart.com

2. Product Specification of (Feature extraction) the product

   Following specifications are extracted through web scraping:

description	**: Description about the product**
price	**: Price of the washing machine**
rating	**: Rating given by the buyers**
In The Box	**: Details about what comes in the package**
Brand	**: Brand Name**
Model Name	**: Model Name**

Function Type : Fully Automatic, Semi-Automatic, Front Load, Top Load

Energy Rating : Energy rating of the machine

Washing Capacity : Capacity in Kgs, 5kg, 6kg, 10 kgs etc

Washing Method : Tumble, Pulsator etc

Maximum Spin Speed : Categorical value,

In-built Heater : Categorical value, Yes/No

Colour : Different shades available

Shade : Different shades of colour

Water Level Selector : Categorical values, Yes/No

Technology Used : Categorical value, Digital Inverter etc

Water Level Settings : Categorical values, Yes/No

Dryer Type : categorical Values, Air Dry, Spin dry etc.

Water Consumption : Numerical values, water consumption in litre

Dryer Capacity : Numerical values in minutes

Wash Cycle Duration : Numerical values in minutes

Spin Cycle Duration : Numerical values in Minutes

Maximum Temperature : Numerical values in Degrees

3. Data Cleaning and Exploratory Data Analysis on the Product Specifications

4. Data Visualization on the processed data