Module: WEB SCRAPPING:**fLIPKART- EXAMPLE**

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| import urllib import urllib.request from bs4 import BeautifulSoup import os  def soup(url):  page = urllib.request.urlopen(url)  soupdata = BeautifulSoup(page, "html.parser")  page.close()  return soupdata  edatas="" edata1=""  surl= "https://www.flipkart.com/search?q=machine%20learning&otracker=search&otracker1=search&marketplace=FLIPKART&as-show=on&as=off" soup1=soup(surl) *#print(soup1)* count = soup1.findAll("a",{"s1Q9rs"}) print(len(count))  *#for record in soup1.findAll("div",{"class": "E2-pcE \_1q8tSL"}):* for record in soup1.findAll("div",{"class": "\_1AtVbE"}):  for record2 in record.findAll("div",{"class": "\_4ddWXP"}):  for record3 in record2.findAll("a",{"class": "s1Q9rs"}):  title = record3.text.replace('.','..')   for record4 in record2.findAll("div",{"class":"\_30jeq3"}):  price = record4.text.replace(',','')  data = title+","+price  edatas = edatas+"\n"+data  print(edatas)  header="book name, price" file =open(os.path.expanduser("out.csv"),"wb") //writing into the file file.write(bytes(header, encoding="ascii", errors="ignore")) file.write(bytes(edatas, encoding="ascii", errors="ignore")) |
| **Output:**  Machine Learning Using Python,477 Machine Learning 1 Edition,510 Machine Learning,753 Machine Learning First Edition,599 Python Machine Learning -,2379 Machine Learning,3600 Machine Learning,1174 Machine Learning,3298 Machine Learning: ECML 2007,5216 Machine Learning 1 Edition,595 Machine Learning,150 Machine Learning,299 Machine Learning,1610 Machine Learning: ECML 2006,5070 Machine Learning,8849 Machine Learning,679 Machine Learning - 0,1306 Machine Learning,4707 Machine Learning,7846 Machine Learning: Theoretical Foundations and Practical......,11770 Machine Learning: Theoretical Foundations and Practical......,11770 Machine Learning,4707 Machine Learning,295 Machine Learning,198 Machine Learning: A Comprehensive Practical Approach wi......,699 Machine Learning,245 Machine Learning,2837 Machine Learning,17262 Machine Learning,7875 Machine Learning,8400 Machine Learning,1572 Machine Learning,1613 Machine Learning,3248 Machine Learning,7627 Machine Learning,2026 Machine Learning,299 MACHINE LEARNING,380 Machine Learning: An Algorithmic Perspective, 2nd Editi......,1290 MACHINE LEARNING,900 Machine Learning,8951 |