

```
# import libraries

from bs4 import BeautifulSoup
import requests
import time
import datetime

import smtplib

# Connect to Website and pull in data

URL = 'https://www.amazon.com/Funny-Data-Systems-Business-Analyst/dp/B07FNW9FGJ/ref=sr_1_3?dchild=1&keywords=data%2Banalyst%2Btshirt&qid=162'

headers = {"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.108 Safari/537.3"}

page = requests.get(URL, headers=headers)

soup1 = BeautifulSoup(page.content, "html.parser")

soup2 = BeautifulSoup(soup1.prettify(), "html.parser")

title = soup2.find(id='productTitle').get_text()

price = soup2.find(id='priceblock_ourprice').get_text()

print(title)
print(price)
```

Funny Got Data MIS Data Systems Business Analyst T-Shirt

\$16.99

```
# Clean up the data a little bit
```

```
price = price.strip()[1:]
title = title.strip()
```

```
print(title)
print(price)
```

```
Funny Got Data MIS Data Systems Business Analyst T-Shirt
16.99
```

```
# Create a Timestamp for your output to track when data was collected
```

```
import datetime
```

```
today = datetime.date.today()
```

```
print(today)
```

```
2021-08-21
```

```
# Create CSV and write headers and data into the file
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```
import csv
```

```
header = ['Title', 'Price', 'Date']
data = [title, price, today]
```

```
with open('AmazonWebScraperDataset.csv', 'w', newline='', encoding='UTF8') as f:
    writer = csv.writer(f)
    writer.writerow(header)
    writer.writerow(data)
```



```
subject = "The Shirt you want is below $15! Now is your chance to buy!"
body = "Alex, This is the moment we have been waiting for. Now is your chance to pick up the shirt of your dreams. Don't mess it up! Link"

msg = f"Subject: {subject}\n\n{body}"

server.sendmail(
    'nabilakhtar92@gmail.com',
    msg
)
```