

Script for Data Insertion and visibility of data

Amazon Table

```
[30]: amazon_df = pd.read_csv('marketing_sample_for_amazon_com-e-commerce_20200101_20200131_10k_data.csv')
amazon_df.head()
engine = create_engine('mysql://root:ABHIpatil123#@localhost:3306/betterpurchase')

conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
cursor = conn.cursor()

cursor.execute("create table amazon(Uniq_Id varchar(70),Product_Name varchar(200),Brand_Name varchar(200),Category varchar(200),Selling_Price float,Model_Number int,Product_Type varchar(20))")
amazon_df.to_sql('amazon', con = engine, if_exists='append', index = False)
```

t[30]: 10002

92 • select * from amazon;

Uniq_Id	Product_Name	Brand_Name	Category	Selling_Price	Model_Number	Product_Type
4c69b61db1fc16e7013b43fc926e502d	DB Longboards CoreFlex Crossbow 41" Bamboo...	NULL	Sports & Outdoors Outdoor Recreation Skat...	\$237.68	NULL	Shipping V
66d49bbcd043f5be260fa9f77bfff5957	Electronic Snap Circuits Mini Kits Classpack, FM ...	NULL	Toys & Games Learning & Education Science ...	\$99.95	55324	Product C
2c55cae269aebf53838484b0d7dd931a	3Doodler Create Flexy 3D Printing Filament Refil...	NULL	Toys & Games Arts & Crafts Craft Kits	\$34.99	NULL	ProductDi
18018b6bc416dab347b1b7db79994afa	Guillow Airplane Design Studio with Travel Case ...	NULL	Toys & Games Hobbies Models & Model Kits ...	\$28.91	142	ProductDi
e04b990e95bf73bbe6a3fa09785d7cd0	Woodstock- Collage 500 pc Puzzle	NULL	Toys & Games Puzzles Jigsaw Puzzles	\$17.49	62151	ProductDi
f8c32a45e507a177992973cf0d46d20c	Terra by Battat - 4 Dinosaur Toys, Medium - Di...	NULL	NULL	\$18.66	AN4054Z	ProductDi
40d3rd16h41970aef6877e914aerf7cRe	Pikachu's Child's Pokemon Delux Pikachu Costume	NULL	Clothing, Shoes & Jewelry Costumes & Access	€79.12	R07R71M5Q2	ProductDi

Apple

```
In [31]: df = pd.read_csv('apple product price list from 26 countries.csv')

engine = create_engine('mysql://root:ABHIpatil123#@localhost:3306/betterpurchase')

conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
cursor = conn.cursor("create table apple_product_price(pid varchar(50),model varchar(80), price varchar(80), country_code varchar(20))")

cursor.execute("")
df.to_sql('apple_product_price', con = engine, if_exists='append', index = False)
```

Out[31]: 448

	pid	model	price	country_code	country	region	income group	scraped_date
0	1	iPhone 13	From A\$1,199	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
1	2	iPhone SE	From A\$679	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
2	3	iPhone 12	From A\$999	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
3	4	AirPods(3rd generation)	A\$279	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
4	5	AirPods Pro	A\$399	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
5	6	AirPods(2nd generation)	A\$219	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535
6		AirPods Max	A\$899	au	Australia	East Asia & Pacific	High income	2022-01-02 21:52:06.630535

Walmart

```
walmart_df = pd.read_csv('walmart.csv')

engine = create_engine('mysql://root:ABHIpatil123#@localhost:3306/betterpurchase')
conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
# conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
# cursor = conn.cursor()

mycursor = conn.cursor()
current_time = datetime.datetime.now()

cursor = conn.cursor("CREATE TABLE walmartdata(Uniq_Id varchar(150),Crawl_Timestamp varchar(200),Product_Url varchar(1000),Product_Name varchar(1000))")
# x = conn.cursor("select * from trig")
# sql = conn.cursor("insert into trig(%,%,%)")

# val = [("walmart", current_time)]
# mycursor.execute(sql, val)
# print(current_time)

walmart_df.to_sql(name = 'walmartdata', con = engine, if_exists='append', index = False)
```

	Uniq_Id	Crawl_Timestamp	Product_Url	Product_Name	Sal
▶	019b67ef7f01103d8fb0a53e4c36daa7	2019-12-18 10:20:52 +0000	https://www.walmart.com/ip/La-Costena-Chipo...	La Costena Chipotle Peppers, 7 OZ (Pack of 12)	31.
	3a4ff306dcc8a6e2bf720964d29b84c3	2019-12-18 17:21:48 +0000	https://www.walmart.com/ip/Equate-Triamcinol...	Equate Triamcinolone Acetonide Nasal Allergy S...	10.
	80090549d7d176327b186353c7b28ca4	2019-12-18 17:46:41 +0000	https://www.walmart.com/ip/AduroSmart-ERIA...	AduroSmart ERIA Soft White Smart A19 Light B...	10.
	151ee1c61a29bacfedb01cd500494b2f	2019-12-18 22:14:22 +0000	https://www.walmart.com/ip/24-Classic-Adjust...	24" Classic Adjustable Balloon Fender Set Chro...	38.
	7b2ef8d41f65df121f6b4b9828cf8dad	2019-12-18 06:56:02 +0000	https://www.walmart.com/ip/Elephant-Shape-Si...	Elephant Shape Silicone Drinkware Portable Silic...	5.8
	e4fab4b6f41eac02d22b421818c8f080	2019-12-18 11:06:27 +0000	https://www.walmart.com/ip/6-Boxes-Twinings-...	(6 Boxes) Twinings of London Nightly Calm Gree...	17.
	f1aee81991548da1r5085395ea033a84	2019-12-18 09:07:23 +0000	https://www.walmart.com/ip/Toutainer-Shoe-R...	Toutainer Shoe Box Play-N-Store Box	11

eBay

```
In [36]: df = pd.read_csv('ebay.csv')

engine = create_engine('mysql://root:ABHIpatil123#@localhost:3306/betterpurchase')

# conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
# cursor = conn.cursor()

conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
cursor = conn.cursor("create table ebay(prod_name varchar(200),category varchar(200),price decimal(5,5),rating int)")

df.to_sql(name = 'ebay', con = engine, if_exists='append', index = False)
```

Out[36]: 21

	prod_name	category	price	Rating
►	The Lost Book of Herbal Remedies	book	37	4.8
	Heartstopper, Volume 1	book	21.95	5
	Holy Bible: King James Version (Barnes & Noble ...	book	31.5	5
	Run, Rose, Run : A Novel	book	14	4.8
	Bridgerton: The Duke and I	book	5.61	5
	Children's Health Defense Ser.: The Real Antho...	book	17	4.9
	Animal Farm and 1984	book	9.49	4.9
	The Witcher Boxed Set	book	77.12	4.4

ebay 41 x

Barnes

```
In [37]: df = pd.read_csv('barnes.csv')

engine = create_engine('mysql://root:ABHIpatil123#@localhost:3306/betterpurchase')

# conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
# cursor = conn.cursor()

conn = mysql.connect(host='localhost', database='betterpurchase', user='root', password='ABHIpatil123#')
cursor = conn.cursor("create table barens(prod_name varchar(30),category varchar(30),Price decimal(5,5))")

df.to_sql(name = 'barnes', con = engine, if_exists='append', index = False)
```

Out[37]: 21

