

Sheth I.u.j. And sir m.v. college of arts science and commerce

Practical no. 2 mod2

Aim: .Generating frequency tables using table() or count() (R)

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source

```
R - R 4.5.2 - ~/
> library(dplyr)
> 
> data2 <- read.csv("Amazon.csv")
> 
> head(data2, 10)
```

	OrderID	OrderDate	CustomerID	CustomerName	ProductID	ProductName	Category
1	ORD00000001	2023-01-31	CUST001504	Vihaan Sharma	P00014	Drone Mini	Books
2	ORD00000002	2023-12-30	CUST000178	Pooja Kumar	P00040	Microphone	Home & Kitchen
3	ORD00000003	2022-05-10	CUST047516	Sneha Singh	P00044	Power Bank 20000mAh	Clothing
4	ORD00000004	2023-07-18	CUST030059	Vihaan Reddy	P00041	Webcam Full HD	Home & Kitchen
5	ORD00000005	2023-02-04	CUST048677	Aditya Kapoor	P00029	T-Shirt	Clothing
6	ORD00000006	2022-12-31	CUST042705	Karan Sharma	P00023	Cookware Set	Books
7	ORD00000007	2024-09-20	CUST037667	Aarav Verma	P00030	Dress Shirt	Clothing
8	ORD00000008	2022-11-10	CUST031165	Rohit Kumar	P00028	Jeans	Toys & Games
9	ORD00000009	2024-06-26	CUST026965	Aman Kapoor	P00031	Kids Toy Car	Sports & Outdoors
10	ORD00000010	2020-05-01	CUST029472	Aarav Reddy	P00001	Wireless Earbuds	Clothing

```
> head(data2, 10)
```

	Brand	Quantity	UnitPrice	Discount	Tax	ShippingCost	TotalAmount	PaymentMethod
1	BrightLux	3	106.59	0.00	0.00	0.09	319.86	Debit Card
2	UrbanStyle	1	251.37	0.05	19.10	1.74	259.64	Amazon Pay
3	UrbanStyle	3	35.03	0.10	7.57	5.91	108.06	Debit Card
4	Zenith	5	33.58	0.15	11.42	5.53	159.66	Cash on Delivery
5	KiddoFun	2	515.64	0.25	38.67	9.23	821.36	Credit Card
6	ReadMore	4	449.73	0.00	215.87	2.74	2017.53	UPI
7	UrbanStyle	2	219.81	0.20	28.14	14.97	394.81	UPI
8	KiddoFun	2	306.51	0.05	29.12	6.24	617.73	Debit Card
9	Apex	4	146.09	0.00	46.75	7.03	638.14	Debit Card
10	Apex	2	278.21	0.10	60.09	4.88	565.75	Credit Card

```
> head(data2, 10)
```

	OrderStatus	City	State	Country	SellerID
1	Delivered	Washington	DC	India	SELL01967
2	Delivered	Fort Worth	TX	United States	SELL01298
3	Delivered	Austin	TX	United States	SELL00908
4	Delivered	Charlotte	NC	India	SELL01164
5	Cancelled	San Antonio	TX	Canada	SELL01411
6	Delivered	Los Angeles	CA	United States	SELL01494
7	Delivered	Chicago	IL	Australia	SELL01676
8	Pending	Denver	CO	India	SELL00510
9	Delivered	Washington	DC	United States	SELL01895
10	Delivered	Houston	TX	United States	SELL01584

Environment

R - R 4.5.2 - ~/

Data

- Amazon
- data_fu
- data1
- data2
- spotify

Files Plots

RStudio

Play Filter Code View

Source

```
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> library(dplyr)
> 
> data2 <- read.csv("Amazon.csv")
> 
> head(data2, 10)
```

Snip

Screens

Automat

Name: Simran s113

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```
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Source
R 4.5.2 · ~/
> 
> # -----
> # Frequency tables using table()
> # -----
> 
> # Frequency of Category
> table(data2$Category)

```

Books	Clothing	Electronics	Home & Kitchen	Sports & Outdoors
16752	16439	16853	16610	16804
Toys & Games				
16542				

```
> 
> # Frequency of Brand
> table(data2$Brand)

```

Apex	BrightLux	CoreTech	FitLife	HomeEase	KiddoFun	NexPro	ReadMore	UrbanStyle
9937	9907	10127	10147	9795	10077	9962	10204	9854
Zenith								
9990								

```
> 
> # Frequency of PaymentMethod
> table(data2$PaymentMethod)

```

Amazon Pay	Cash on Delivery	Credit Card	Debit Card	Net Banking
15017	4928	35038	20024	9927
UPI				
15066				

```
> 
> # -----
> # Frequency tables using count()
> # -----
> 
> count(data2, Category)

```

	Category	n
1	Books	16752
2	Clothing	16439
3	Electronics	16853

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```
RStudio
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Source
R 4.5.2 ~ /
15066
>
> # -----
> # Frequency tables using count()
> # -----
>
> count(data2, Category)
  Category      n
1     Books 16752
2 Clothing 16439
3 Electronics 16853
4 Home & Kitchen 16610
5 Sports & Outdoors 16804
6 Toys & Games 16542
> count(data2, Brand)
  Brand      n
1    Apex  9937
2 BrightLux 9907
3 CoreTech 10127
4 FitLife 10147
5 HomeEase  9795
6 KiddoFun 10077
7 NexPro  9962
8 ReadMore 10204
9 UrbanStyle 9854
10 Zenith  9990
> count(data2, PaymentMethod)
  PaymentMethod      n
1    Amazon Pay 15017
2 Cash on Delivery 4928
3    Credit Card 35038
4    Debit Card 20024
5    Net Banking  9927
6         UPI 15066
> print("simran s113")
[1] "simran s113"
> |
```

Name: Simran s113