

HELLO....THIS A OUTPUT DOC BY PRANEETHA CSK

- INITIALLY I THOUGHT OF DOWNLOADING AND IMPORTING DATA AND USING COMMANDS ON IT BUT LATER I WANTED TO PRACTISE CREATE AND INSERT SO I DID ON MY OWN E-COM DATASET WHICH I CREATED...
- AFTER CREATE AND INSERT I USED SELECT ALL(FULL TABLE THAT WAS CREATED)

	order_id	product_name	customer_name	price	quantity	delivery_status
▶	1	iPhone 14	Alice Johnson	899.99	1	Delivered
	2	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	3	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	4	Sony Headphones	Dana White	149.99	3	Delivered
	5	Apple Watch SE	Eva Green	279.00	1	Cancelled
	6	iPhone 14	Alice Johnson	899.99	1	Delivered
	7	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	8	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	9	Sony Headphones	Dana White	149.99	3	Delivered
	10	Apple Watch SE	Eva Green	279.00	1	Cancelled
	11	Asus ROG Laptop	Priya Shah	1599.00	1	Delivered
	12	OnePlus 11	Ravi Mehta	649.99	2	Shipped
	13	Kindle Paperwhite	Sana Iqbal	129.99	1	Pending
	14	Sony PlayStation 5	Tom Hardy	499.99	1	Delivered
	15	Apple Magic Keyboard	Uma Verma	99.00	1	Delivered
	16	GoPro Hero 11	Vikram Singh	399.95	1	Cancelled
	17	HP Laser Printer	Wendy Zhou	229.00	1	Shipped

- THEN WHERE FUNCTION IS USED WITH ONLY DELIVERD INFO

	order_id	product_name	customer_name	price	quantity	delivery_status
▶	1	iPhone 14	Alice Johnson	899.99	1	Delivered
	4	Sony Headphones	Dana White	149.99	3	Delivered
	6	iPhone 14	Alice Johnson	899.99	1	Delivered
	9	Sony Headphones	Dana White	149.99	3	Delivered
	11	Asus ROG Laptop	Priya Shah	1599.00	1	Delivered
	14	Sony PlayStation 5	Tom Hardy	499.99	1	Delivered
	15	Apple Magic Keyboard	Uma Verma	99.00	1	Delivered
	18	Microsoft Surface Pro 9	Xavier Bell	1199.99	1	Delivered
	19	Anker Power Bank	Yara Khan	59.99	2	Delivered
	21	Xiaomi Redmi Note 12	Aditya Rao	249.99	1	Delivered
	23	Beats Studio Buds	Cyrus Mistry	149.00	2	Delivered
	25	Samsung Galaxy Tab S8	Eshan Kapoor	649.00	1	Delivered
	26	Amazon Fire Stick	Farah Ali	39.99	2	Delivered
	29	Bose QuietComfort 45	Iqbal Sheikh	329.99	1	Delivered
	30	Sony WH-1000XM5	Jaya Reddy	379.99	1	Delivered
	33	Canon Pixma Printer	Manoj Kumar	159.00	1	Delivered
	34	HP Ink Cartridge	Nidhi Desai	39.99	2	Delivered

- NOW WE TRIED ORDERBY -PRICE

	order_id	product_name	customer_name	price	quantity	delivery_status
	35	Asus Zenbook Duo	Omkar Salvi	1799.00	1	Shipped
	50	MSI Gaming Laptop	Danish Tyagi	1699.00	1	Delivered
	11	Asus ROG Laptop	Priya Shah	1599.00	1	Delivered
	22	Lenovo ThinkPad X1	Bhavna Nair	1399.00	1	Shipped
	37	iMac 24"	Qasim Ali	1299.00	1	Pending
	18	Microsoft Surface Pro 9	Xavier Bell	1199.99	1	Delivered
	3	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	8	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	41	Lenovo Legion 5	Uday Chopra	1199.00	1	Delivered
	1	iPhone 14	Alice Johnson	899.99	1	Delivered
	6	iPhone 14	Alice Johnson	899.99	1	Delivered
	2	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	7	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	20	LG Smart TV 55"	Zaid Malik	749.00	1	Pending
	44	Nikon Z30 Camera	Xena Bhatia	699.99	1	Delivered
	12	OnePlus 11	Ravi Mehta	649.99	2	Shipped
	25	Samsung Galaxy Tab S8	Eshan Kapoor	649.00	1	Delivered

- ITS TIME FOR GROUP BY –DELIVERY

	delivery_status	number_of_orders
►	Delivered	26
	Shipped	11
	Pending	8
	Cancelled	5

- USING AGGREGATE FUNCTION-SUM

	total_quantity_sold
►	63

- USING AGGREGATE FUNCTION-AVG

	avg_price_delivered
►	466.261923

- USING JOINS(FOR THIS CREATED A SECOND TABLE)

	delivery_status	partner_name
►	Delivered	BlueDart
	Shipped	Delhivery
	Pending	Ecom Express

- USING JOIN INNER

	order_id	customer_name	delivery_status	partner_name
▶	1	Alice Johnson	Delivered	BlueDart
	2	Bob Smith	Shipped	Delhivery
	3	Charlie Lee	Pending	Ecom Express
	4	Dana White	Delivered	BlueDart
	6	Alice Johnson	Delivered	BlueDart
	7	Bob Smith	Shipped	Delhivery
	8	Charlie Lee	Pending	Ecom Express
	9	Dana White	Delivered	BlueDart
	11	Priya Shah	Delivered	BlueDart
	12	Ravi Mehta	Shipped	Delhivery
	13	Sana Iqbal	Pending	Ecom Express
	14	Tom Hardy	Delivered	BlueDart
	15	Uma Verma	Delivered	BlueDart
	17	Wendy Zhou	Shipped	Delhivery
	18	Xavier Bell	Delivered	BlueDart
	19	Yara Khan	Delivered	BlueDart
	20	Zaid Malik	Pending	Ecom Express

- USING JOIN-LEFT

order_id	customer_name	delivery_status	partner_name
1	Alice Johnson	Delivered	BlueDart
2	Bob Smith	Shipped	Delhivery
3	Charlie Lee	Pending	Ecom Express
4	Dana White	Delivered	BlueDart
5	Eva Green	Cancelled	NULL
6	Alice Johnson	Delivered	BlueDart
7	Bob Smith	Shipped	Delhivery
8	Charlie Lee	Pending	Ecom Express
9	Dana White	Delivered	BlueDart
10	Eva Green	Cancelled	NULL
11	Priya Shah	Delivered	BlueDart
12	Ravi Mehta	Shipped	Delhivery
13	Sana Iqbal	Pending	Ecom Express
14	Tom Hardy	Delivered	BlueDart
15	Uma Verma	Delivered	BlueDart
16	Vikram Singh	Cancelled	NULL
17	Wendy Zhou	Shipped	Delhivery

- USING JOIN RIGHT

	order_id	customer_name	delivery_status	partner_name
▶	50	Danish Tyagi	Delivered	BlueDart
	48	Bhavya Singh	Delivered	BlueDart
	47	Abdul Rahman	Delivered	BlueDart
	45	Yusuf Siddiqui	Delivered	BlueDart
	44	Xena Bhatia	Delivered	BlueDart
	41	Uday Chopra	Delivered	BlueDart
	40	Tanvi Mehra	Delivered	BlueDart
	38	Ritika Das	Delivered	BlueDart
	36	Poonam Jha	Delivered	BlueDart
	34	Nidhi Desai	Delivered	BlueDart
	33	Manoj Kumar	Delivered	BlueDart
	30	Jaya Reddy	Delivered	BlueDart
	29	Iqbal Sheikh	Delivered	BlueDart
	26	Farah Ali	Delivered	BlueDart
	25	Eshan Kapoor	Delivered	BlueDart
	23	Cyrus Mistry	Delivered	BlueDart
	21	Aditya Rao	Delivered	BlueDart

- WRITING A SUBQUERY

### 1.PRODUCT HIGHER THAN AVG

	order_id	product_name	customer_name	price	quantity	delivery_status
▶	1	iPhone 14	Alice Johnson	899.99	1	Delivered
	2	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	3	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	6	iPhone 14	Alice Johnson	899.99	1	Delivered
	7	Samsung Galaxy S22	Bob Smith	799.00	2	Shipped
	8	Dell XPS 13	Charlie Lee	1199.50	1	Pending
	11	Asus ROG Laptop	Microsoft Surface Pro 9	1,100	1	Delivered
	12	OnePlus 11	Ravi Menta	649.99	2	Shipped
	18	Microsoft Surface Pro 9	Xavier Bell	1199.99	1	Delivered
	20	LG Smart TV 55"	Zaid Malik	749.00	1	Pending
	22	Lenovo ThinkPad X1	Bhavna Nair	1399.00	1	Shipped
	24	Acer Aspire 5	Devika Menon	599.99	1	Pending
	25	Samsung Galaxy Tab S8	Eshan Kapoor	649.00	1	Delivered
	32	Alienware Gaming Laptop	Lata Krishnan	2199.00	1	Pending
	35	Asus Zenbook Duo	Omkar Salvi	1799.00	1	Shipped
	37	iMac 24"	Qasim Ali	1299.00	1	Pending
	41	Lenovo Legion 5	Uday Chopra	1199.00	1	Delivered

### 2.CUSTOMER TOP

	customer_name
▶	Alice Johnson
	Bob Smith
	Charlie Lee
	Dana White
	Eva Green

- CREATING VIEW:

✓	195	23:19:07	CREATE INDEX idx_customer_name ON orders_summary(customer_name)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.125 sec
✓	196	23:19:07	CREATE INDEX idx_delivery_status ON orders_summary(delivery_status)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.078 sec
✓	197	23:19:07	CREATE INDEX idx_price ON orders_summary(price)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.063 sec



- CREATED VIEW TO SEE TOTAL REVENUE BY A SINGLE CUSTOMER

	customer_name	total_revenue
▶	Alice Johnson	1799.98
	Bob Smith	3196.00
	Charlie Lee	2399.00
	Dana White	899.94
	Eva Green	558.00
	Priya Shah	1599.00
	Ravi Mehta	1299.98
	Sana Iqbal	129.99
	Tom Hardy	499.99
	Uma Verma	99.00
	Vikram Singh	399.95
	Wendy Zhou	229.00
	Xavier Bell	1199.99
	Yara Khan	119.98
	Zaid Malik	749.00
	Aditya Rao	249.99
	Bhavna Nair	1399.00

- CREATING INDEX AND AXISING:

	order_id	product_name	customer_name	price	quantity	delivery_status
▶	1	iPhone 14	Alice Johnson	899.99	1	Delivered
	4	Sony Headphones	Dana White	149.99	3	Delivered
	6	iPhone 14	Alice Johnson	899.99	1	Delivered
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