

TASK PRACTICE 5

TASK-1

	orderid	customer	country	order_date	amount	status	status	row_num
▶	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	Shipped	1
	2	Bob Smith	UK	2024-12-03	120.50	Pending	Pending	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	Cancelled	3
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	Delivered	4
	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	Shipped	5
	6	Fiona Davis	India	2024-12-07	600.00	Processing	Processing	6
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	Delivered	7
	8	Hannah Moore	France	2024-12-09	78.40	Pending	Pending	8
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	Shipped	9
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	Cancelled	10
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	Delivered	11
	12	Laura Scott	India	2024-12-13	90.00	Processing	Processing	12
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	Shipped	13
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	Delivered	14
	15	Oliver King	USA	2024-12-16	315.45	Pending	Pending	15

TASK-2

	orderid	customer	country	order_date	amount	status	rank_coln
▶	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	1
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	1
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	2
	12	Laura Scott	India	2024-12-13	90.00	Processing	1
	6	Fiona Davis	India	2024-12-07	600.00	Processing	2
	2	Bob Smith	UK	2024-12-03	120.50	Pending	1
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	2
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	1
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	2
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	3
	15	Oliver King	USA	2024-12-16	315.45	Pending	4

TASK-3

	orderid	customer	country	order_date	amount	status	rank_coln
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	1
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	1
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	2
	12	Laura Scott	India	2024-12-13	90.00	Processing	1
	6	Fiona Davis	India	2024-12-07	600.00	Processing	2
	2	Bob Smith	UK	2024-12-03	120.50	Pending	1
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	2
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	1
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	2
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	3
	15	Oliver King	USA	2024-12-16	315.45	Pending	4

TASK-4

	orderid	customer	country	order_date	amount	status	ntile_column
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	1
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	1
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	2
	12	Laura Scott	India	2024-12-13	90.00	Processing	1
	6	Fiona Davis	India	2024-12-07	600.00	Processing	2
	2	Bob Smith	UK	2024-12-03	120.50	Pending	1
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	2
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	1
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	2
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	3
	15	Oliver King	USA	2024-12-16	315.45	Pending	4

TASK-5

	orderid	customer	country	order_date	amount	status	previous_amount
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	NULL
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	45.75
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	NULL
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	89.99
	8	Hannah Moore	France	2024-12-09	78.40	Pending	NULL
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	NULL
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	62.00
	12	Laura Scott	India	2024-12-13	90.00	Processing	NULL
	6	Fiona Davis	India	2024-12-07	600.00	Processing	90.00
	2	Bob Smith	UK	2024-12-03	120.50	Pending	NULL
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	120.50
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	NULL
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	200.00
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	250.00
	15	Oliver King	USA	2024-12-16	315.45	Pending	300.00

TASK-6

	orderid	customer	country	order_date	amount	status	previous_amount
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	105.80
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	NULL
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	499.99
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	NULL
	8	Hannah Moore	France	2024-12-09	78.40	Pending	NULL
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	155.00
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	NULL
	12	Laura Scott	India	2024-12-13	90.00	Processing	600.00
	6	Fiona Davis	India	2024-12-07	600.00	Processing	NULL
	2	Bob Smith	UK	2024-12-03	120.50	Pending	130.25
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	NULL
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	250.00
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	300.00
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	315.45
	15	Oliver King	USA	2024-12-16	315.45	Pending	NULL

TASK-7

	country	amount	first_amount
►	Australia	45.75	1
	Canada	89.99	1
	France	78.40	1
	Germany	155.00	1
	India	600.00	1
	UK	120.50	1
	USA	250.00	1

TASK-9

	country	total_amount
▶	Australia	151.55
	Canada	589.98
	France	78.40
	Germany	217.00
	India	690.00
	UK	250.75
	USA	1065.45

TASK-10

	country	total_amount
▶	Australia	75.775000
	Canada	294.990000
	France	78.400000
	Germany	108.500000
	India	345.000000
	UK	125.375000
	USA	266.362500

TASK-11

	country	total_order
▶	Australia	2
	Canada	2
	France	1
	Germany	2
	India	2
	UK	2
	USA	4

TASK-12

	orderid	customer	country	order_date	amount	status	total_order
▶	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	1
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	1
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	2
	6	Fiona Davis	India	2024-12-07	600.00	Processing	1
	12	Laura Scott	India	2024-12-13	90.00	Processing	2
	2	Bob Smith	UK	2024-12-03	120.50	Pending	1
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	2
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	1
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	2
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	3
	15	Oliver King	USA	2024-12-16	315.45	Pending	4

TASK-13

	orderid	customer	country	order_date	amount	status	cumulative_dist
▶	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	0.5
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	1
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	0.5
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	1
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	0.5
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	1
	12	Laura Scott	India	2024-12-13	90.00	Processing	0.5
	6	Fiona Davis	India	2024-12-07	600.00	Processing	1
	2	Bob Smith	UK	2024-12-03	120.50	Pending	0.5
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	1
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	0.25
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	0.5
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	0.75
	15	Oliver King	USA	2024-12-16	315.45	Pending	1

TASK-14

	orderid	customer	country	order_date	amount	status	percentage_rank
▶	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	0
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	1
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	0
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	1
	8	Hannah Moore	France	2024-12-09	78.40	Pending	0
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	0
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	1
	12	Laura Scott	India	2024-12-13	90.00	Processing	0
	6	Fiona Davis	India	2024-12-07	600.00	Processing	1
	2	Bob Smith	UK	2024-12-03	120.50	Pending	0
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	1
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	0
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	0.3333333333...
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	0.6666666666...
	15	Oliver King	USA	2024-12-16	315.45	Pending	1

TASK-15

	orderid	customer	country	order_date	amount	status	previous_amount	diff_with_previous
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	NULL	NULL
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	45.75	60.05
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	NULL	NULL
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	89.99	410.00
	8	Hannah Moore	France	2024-12-09	78.40	Pending	NULL	NULL
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	NULL	NULL
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	62.00	93.00
	12	Laura Scott	India	2024-12-13	90.00	Processing	NULL	NULL
	6	Fiona Davis	India	2024-12-07	600.00	Processing	90.00	510.00
	2	Bob Smith	UK	2024-12-03	120.50	Pending	NULL	NULL
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	120.50	9.75
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	NULL	NULL
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	200.00	50.00
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	250.00	50.00
	15	Oliver King	USA	2024-12-16	315.45	Pending	300.00	15.45

TASK-16

	orderid	customer	country	order_date	amount	status	running_total
►	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	45.75
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	151.55
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	89.99
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	589.98
	8	Hannah Moore	France	2024-12-09	78.40	Pending	78.40
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	155.00
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	217.00
	6	Fiona Davis	India	2024-12-07	600.00	Processing	600.00
	12	Laura Scott	India	2024-12-13	90.00	Processing	690.00
	2	Bob Smith	UK	2024-12-03	120.50	Pending	120.50
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	250.75
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	250.00
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	550.00
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	750.00
	15	Oliver King	USA	2024-12-16	315.45	Pending	1065.45

TASK-17

	orderid	customer	country	order_date	amount	status	mk
►	13	Michael Young	Australia	2024-12-14	105.80	Shipped	1
	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	2
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	1
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	2
	6	Fiona Davis	India	2024-12-07	600.00	Processing	1
	12	Laura Scott	India	2024-12-13	90.00	Processing	2
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	1
	2	Bob Smith	UK	2024-12-03	120.50	Pending	2
	15	Oliver King	USA	2024-12-16	315.45	Pending	1
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	2
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	3

TASK-18

	orderid	customer	country	order_date	amount	status	mk
▶	13	Michael Young	Australia	2024-12-14	105.80	Shipped	1
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	3
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	4

TASK-19

	customer	count(orderid) over(partition by customer order by customer)
▶	Alice Johnson	1
	Bob Smith	1
	Charlie Lee	1
	Diana Prince	1
	Ethan Brown	1
	Fiona Davis	1
	George Wilson	1
	Hannah Moore	1
	Ian Taylor	1
	Julia Martin	1
	Kevin Walker	1
	Laura Scott	1
	Michael Young	1
	Nancy Hall	1
	Oliver King	1

TASK-20

	orderid	customer	country	order_date	amount	status	rank() over(partition by country order by amount)
▶	5	Ethan Brown	Australia	2024-12-06	45.75	Shipped	1
	13	Michael Young	Australia	2024-12-14	105.80	Shipped	2
	3	Charlie Lee	Canada	2024-12-04	89.99	Cancelled	1
	11	Kevin Walker	Canada	2024-12-12	499.99	Delivered	2
	8	Hannah Moore	France	2024-12-09	78.40	Pending	1
	14	Nancy Hall	Germany	2024-12-15	62.00	Delivered	1
	7	George Wilson	Germany	2024-12-08	155.00	Delivered	2
	12	Laura Scott	India	2024-12-13	90.00	Processing	1
	6	Fiona Davis	India	2024-12-07	600.00	Processing	2
	2	Bob Smith	UK	2024-12-03	120.50	Pending	1
	10	Julia Martin	UK	2024-12-11	130.25	Cancelled	2
	9	Ian Taylor	USA	2024-12-10	200.00	Shipped	1
	1	Alice Johnson	USA	2024-12-01	250.00	Shipped	2
	4	Diana Prince	USA	2024-12-05	300.00	Delivered	3
	15	Oliver King	USA	2024-12-16	315.45	Pending	4