demo 1 of 4
- bookings
  - tables 8
    - aircrafts_data
    - airports_data
    - boarding_passes

```sql
--1
select ticket_no, flight_id, fare_conditions, amount
from ticket_flights
union all
select ticket_no, flight_id, seat_no, boarding_no
from boarding_passes;
```

Output | --1 ×

|< < 1-500 ∨ of 501+ > >| ⟳ ⟲ ■ + − ↶ 👁 ⬆ | Tx: Auto ∨ | DDL | 📌

	ticket_no ⇕	flight_id ⇕	fare_conditions ⇕	amount ⇕
1	0005432159776	30625	Business	42100
2	0005435212351	30625	Business	42100
3	0005435212386	30625	Business	42100
4	0005435212381	30625	Business	42100
5	0005432211370	30625	Business	42100
6	0005435212357	30625	Comfort	23900
7	0005435212360	30625	Comfort	23900
8	0005435212393	30625	Comfort	23900
9	0005435212374	30625	Comfort	23900
10	0005435212365	30625	Comfort	23900
11	0005435212378	30625	Comfort	23900
12	0005435212362	30625	Comfort	23900
13	0005435212334	30625	Comfort	23900
14	0005435212329	30625	Comfort	23900
15	0005435212370	30625	Comfort	23900
16	0005435212328	30625	Comfort	23900

bookings
- tables 8
  - aircrafts_data
  - airports_data
  - boarding_passes
  - bookings
  - flights
  - seats
  - ticket_flights
  - tickets

```sql
--2
select ticket_flights.ticket_no, ticket_flights.flight_id, fare_conditions, amount
from ticket_flights
        join boarding_passes on ticket_flights.ticket_no = boarding_passes.ticket_no and
                                ticket_flights.flight_id = boarding_passes.flight_id;
select flight_id, flight_no
from flights
where status = 'Cancelled'
order by flight_id desc
limit 10;
```

ces

Output | demo.bookings.ticket_flights | demo.bookings.flights

demo.bookings.ticket_flights | demo.bookings.flights ✕

10 rows | Tx: Auto | DDL

	flight_id	flight_no
1	33099	PG0063
2	33052	PG0359
3	32961	PG0550
4	32871	PG0616
5	32806	PG0080
6	32739	PG0367
7	32724	PG0024
8	32645	PG0674
9	32632	PG0668

bookings
  tables 8
    > aircrafts_data
    > airports_data

```sql
--4
Select flight_id, fare_conditions, sum(amount)
from ticket_flights
where exists(select 1 FROM flights where departure_airport = 'KZN')
group by flight_id,fare_conditions;
```

Output   demo.bookings.ticket_flights | Result 4

demo.bookings.ticket_flights   Result 4 ×

1-500 of 501+

flight_id	fare_conditions	sum
1	Business	240000
1	Economy	453700
2	Business	280000
2	Economy	587700
3	Business	300000
3	Economy	553600
5	Business	260000
5	Economy	540800
6	Business	280000
6	Economy	588300
9	Business	340000
9	Economy	767400
12	Business	280000
12	Economy	511000
13	Business	360000

demo 1 of 4

bookings
  tables 8
    > aircrafts_data
    > airports_data
    > boarding_passes

```sql
--5
Select departure_airport,arrival_airport FROM flights as fl1
WHERE EXISTS(select 1 FROM flights as fl2 where fl1.departure_airport = fl2.departure_airport
                                    and fl1.arrival_airport = fl2.arrival_airport
                                    and fl1.departure_airport < fl1.arrival_airport)
GROUP BY departure_airport, arrival_airport;
```

ces

Output   demo.bookings.flights | demo.bookings.flights 2

demo.bookings.flights   demo.bookings.flights 2

309 rows   Tx: Auto   DDL

	departure_airport	arrival_airport
1	DME	GDZ
2	AAQ	EGO
3	GDZ	ROV
4	LPK	PES
5	GOJ	NAL
6	AER	PEZ
7	KJA	NUX
8	OSW	VKO
9	IKT	VVO
10	NOJ	NUX
11	CSY	SVO
12	GDZ	VKO
13	DME	ULV
14	UUS	YKS
15	KZN	MQF