

# DDL - Data definition language

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## Info :

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## Screenshots :

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- Down below are all the screenshots describing all tables :

```
MariaDB [railways]> DESCRIBE COMPARTMENT;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| type           | varchar(10)   | YES  |     | NULL    |       |
| capacity       | int(11)       | YES  |     | NULL    |       |
| availability    | int(11)       | YES  |     | NULL    |       |
| train_no       | int(8)        | YES  | MUL | NULL    |       |
| compartment_no | varchar(11)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [railways]> DESCRIBE FARE_TABLE;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| train_type     | varchar(30)   | NO   | PRI | NULL    |       |
| compartment_type | varchar(11)   | NO   | PRI | NULL    |       |
| fare_per_km    | float         | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [railways]> DESCRIBE PAYMENT_INFO;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| transaction_id | int(20)       | NO   | PRI | NULL    |       |
| bank           | varchar(30)   | YES  |     | NULL    |       |
| card_number    | bigint(20)    | YES  |     | NULL    |       |
| price          | varchar(20)   | YES  |     | NULL    |       |
| pnr            | varchar(20)   | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE ROUTE_INFO;
```

Field	Type	Null	Key	Default	Extra
from_station_no	int(11)	YES		NULL	
from_station_name	varchar(30)	YES		NULL	
to_station_no	int(11)	YES		NULL	
to_station_name	varchar(30)	YES		NULL	
distance	int(11)	YES		NULL	
train_no	int(8)	YES	MUL	NULL	

```
6 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE TICKET;
```

Field	Type	Null	Key	Default	Extra
pnr	varchar(20)	NO	PRI	NULL	
train_no	int(8)	YES		NULL	
travel_date	date	YES		NULL	
departure	varchar(30)	YES		NULL	
arrival	varchar(30)	YES		NULL	
departure_time	time	YES		NULL	
arrival_time	time	YES		NULL	
user_id	varchar(20)	YES	MUL	NULL	
train_type	varchar(20)	YES		NULL	
compartment_type	varchar(20)	YES		NULL	
compartment_no	varchar(20)	YES		NULL	
Departure Time	varchar(50)	YES		NULL	
Arrival Time	varchar(50)	YES		NULL	
Compartment Number	varchar(50)	YES		NULL	

```
14 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE TICKET_PASSENGER;
```

Field	Type	Null	Key	Default	Extra
seat_no	varchar(20)	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
age	int(11)	YES		NULL	
pnr	varchar(20)	YES	MUL	NULL	

```
4 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE TRAIN;
```

Field	Type	Null	Key	Default	Extra
train_no	int(8)	NO	PRI	NULL	
name	varchar(50)	NO	UNI	NULL	
train_type	varchar(50)	YES		NULL	
source	varchar(100)	YES		NULL	
destination	varchar(100)	YES		NULL	
availability	varchar(10)	YES		YES	

```
6 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE TRAIN_USER;
```

Field	Type	Null	Key	Default	Extra
train_no	int(8)	YES	MUL	NULL	
user_id	varchar(20)	YES	MUL	NULL	
datetimestamp	datetime	YES		NULL	

```
3 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE TRAIN_USER;
```

Field	Type	Null	Key	Default	Extra
train_no	int(8)	YES	MUL	NULL	
user_id	varchar(20)	YES	MUL	NULL	
datetimestamp	datetime	YES		NULL	

```
3 rows in set (0.001 sec)
```

```
MariaDB [railways]> DESCRIBE USER_PHONE;
```

Field	Type	Null	Key	Default	Extra
user_id	varchar(20)	YES	MUL	NULL	
phone_no	bigint(20) unsigned	YES		NULL	

```
2 rows in set (0.001 sec)
```

```
MariaDB [railways]> █
```