mysql> show databases;

+--------------------+

| Database |

+--------------------+

| incubyte |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

+--------------------+

5 rows in set (0.01 sec)

mysql> use incubyte

Database changed

mysql> create table Customer(H char,Customer\_name varchar(255),Customer\_id varchar(18),Open\_date date(8),Last\_consulted\_date date(8),Vaccination\_id char(5),Dr\_name char(255),State char(5),Country char(5),DOB date(8),Is\_active char(1));

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(8),Last\_consulted\_date date(8),Vaccination\_id char(5),Dr\_name char(255),State c' at line 1

mysql> create table Customer(H char,Customer\_name varchar(255),Customer\_id varchar(18),Open\_date date,Last\_consulted\_date date,Vaccination\_id char(5),Dr\_name char(255),State char(5),Country char(5),DOB date,Is\_active char(1));

Query OK, 0 rows affected (1.27 sec)

mysql> select \* from Customer;

Empty set (0.05 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values(D,John,123456,20101012,20121013,MVD,Paul,AU,06031987,A);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values(D,John,123456,20101012,20121013,MVD,Paul,NSW,AU,06031987,A);

ERROR 1054 (42S22): Unknown column 'D' in 'field list'

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','John',123456,20101012,20121013,'MVD','Paul','NSW','AU',06031987,'A');

ERROR 1292 (22007): Incorrect date value: '6031987' for column 'DOB' at row 1

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','John',123456,20101012,20121013,'MVD','Paul','NSW','AU',19870806,'A');

Query OK, 1 row affected (0.18 sec)

mysql> select \* from Customer;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

1 row in set (0.03 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Alex',123457,20101013,20121014,'MVD','Paul','SA','USA',19870807,'A');

Query OK, 1 row affected (0.19 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Mathew',123458,20101113,20121114,'MVD','Paul','SA','USA',19880807,'A');

Query OK, 1 row affected (0.09 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Matt',12345,20101114,20121214,'MVD','Paul','BOS','NYC',19890908,'A');

Query OK, 1 row affected (0.10 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Jacob',123459,20101215,20120115,'MVD','Paul','VIC','AU',19801009,'A');

Query OK, 1 row affected (0.18 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Jacob',123459,20101215,20120115,'MVD','Paul','SA','USA',19811110,'A');

Query OK, 1 row affected (0.10 sec)

mysql> select \* from Customer;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A |

| D | Alex | 123457 | 2010-10-13 | 2012-10-14 | MVD | Paul | SA | USA | 1987-08-07 | A |

| D | Mathew | 123458 | 2010-11-13 | 2012-11-14 | MVD | Paul | SA | USA | 1988-08-07 | A |

| D | Matt | 12345 | 2010-11-14 | 2012-12-14 | MVD | Paul | BOS | NYC | 1989-09-08 | A |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

6 rows in set (0.00 sec)

mysql> insert into Customer(H,Customer\_name,Customer\_id,Open\_date,Last\_Consulted\_date,Vaccination\_id,Dr\_name,State,Country,DOB,Is\_Active) Values('D','Taran',123460,20100116,20120216,'MVD','Paul','JK','IND',19821211,'A');

Query OK, 1 row affected (0.10 sec)

mysql> select \* from Customer;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A |

| D | Alex | 123457 | 2010-10-13 | 2012-10-14 | MVD | Paul | SA | USA | 1987-08-07 | A |

| D | Mathew | 123458 | 2010-11-13 | 2012-11-14 | MVD | Paul | SA | USA | 1988-08-07 | A |

| D | Matt | 12345 | 2010-11-14 | 2012-12-14 | MVD | Paul | BOS | NYC | 1989-09-08 | A |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A |

| D | Taran | 123460 | 2010-01-16 | 2012-02-16 | MVD | Paul | JK | IND | 1982-12-11 | A |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+

7 rows in set (0.03 sec)

mysql> select Customer\_name,Customer\_id FROM Customer;

+---------------+-------------+

| Customer\_name | Customer\_id |

+---------------+-------------+

| John | 123456 |

| Alex | 123457 |

| Mathew | 123458 |

| Matt | 12345 |

| Jacob | 123459 |

| Jacob | 123459 |

| Taran | 123460 |

+---------------+-------------+

7 rows in set (0.00 sec)

mysql> select Customer\_name,DOB,Customer\_id into Customer\_2 FROM Customer WHERE Country='USA';

ERROR 1327 (42000): Undeclared variable: Customer\_2

mysql> select Customer\_name,DOB,Customer\_id FROM Customer WHERE Country='USA';

+---------------+------------+-------------+

| Customer\_name | DOB | Customer\_id |

+---------------+------------+-------------+

| Alex | 1987-08-07 | 123457 |

| Mathew | 1988-08-07 | 123458 |

| Jacob | 1981-11-10 | 123459 |

+---------------+------------+-------------+

3 rows in set (0.00 sec)

mysql> Alter table Customer ADD Card char;

Query OK, 0 rows affected (1.48 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> select \* from Customer;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active | Card |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A | NULL |

| D | Alex | 123457 | 2010-10-13 | 2012-10-14 | MVD | Paul | SA | USA | 1987-08-07 | A | NULL |

| D | Mathew | 123458 | 2010-11-13 | 2012-11-14 | MVD | Paul | SA | USA | 1988-08-07 | A | NULL |

| D | Matt | 12345 | 2010-11-14 | 2012-12-14 | MVD | Paul | BOS | NYC | 1989-09-08 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A | NULL |

| D | Taran | 123460 | 2010-01-16 | 2012-02-16 | MVD | Paul | JK | IND | 1982-12-11 | A | NULL |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

7 rows in set (0.00 sec)

mysql> select Customer\_name ,Country FROM Customer WHERE State=SA AND

->

->

-> select \* from Customer;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'select \* from Customer' at line 4

mysql> select Customer\_name,Customer\_id FROM Customer WHERE Vaccination\_id='MVD' AND State='SA';

+---------------+-------------+

| Customer\_name | Customer\_id |

+---------------+-------------+

| Alex | 123457 |

| Mathew | 123458 |

| Jacob | 123459 |

+---------------+-------------+

3 rows in set (0.00 sec)

mysql> select count(Customer\_id) FROM Customer;

+--------------------+

| count(Customer\_id) |

+--------------------+

| 7 |

+--------------------+

1 row in set (0.08 sec)

mysql> select \* FROM Customer ORDER BY Country;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active | Card |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A | NULL |

| D | Taran | 123460 | 2010-01-16 | 2012-02-16 | MVD | Paul | JK | IND | 1982-12-11 | A | NULL |

| D | Matt | 12345 | 2010-11-14 | 2012-12-14 | MVD | Paul | BOS | NYC | 1989-09-08 | A | NULL |

| D | Alex | 123457 | 2010-10-13 | 2012-10-14 | MVD | Paul | SA | USA | 1987-08-07 | A | NULL |

| D | Mathew | 123458 | 2010-11-13 | 2012-11-14 | MVD | Paul | SA | USA | 1988-08-07 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A | NULL |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

7 rows in set (0.03 sec)

mysql> select \* FROM Customer WHERE Country='IND';

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active | Card |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| D | Taran | 123460 | 2010-01-16 | 2012-02-16 | MVD | Paul | JK | IND | 1982-12-11 | A | NULL |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

1 row in set (0.00 sec)

mysql> select DISTINCT State FROM Customer;

+-------+

| State |

+-------+

| NSW |

| SA |

| BOS |

| VIC |

| JK |

+-------+

5 rows in set (0.03 sec)

mysql> create Table USA AS select [Customer\_name,Customer\_id ,Open\_date,DOB FROM Customer WHERE Country='USA'];

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '[Customer\_name,Customer\_id ,Open\_date,DOB FROM Customer WHERE Country='USA']' at line 1

mysql> create Table USA AS select Customer\_name,Customer\_id ,Open\_date,DOB FROM Customer WHERE Country='USA';

Query OK, 3 rows affected (0.54 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from USA;

+---------------+-------------+------------+------------+

| Customer\_name | Customer\_id | Open\_date | DOB |

+---------------+-------------+------------+------------+

| Alex | 123457 | 2010-10-13 | 1987-08-07 |

| Mathew | 123458 | 2010-11-13 | 1988-08-07 |

| Jacob | 123459 | 2010-12-15 | 1981-11-10 |

+---------------+-------------+------------+------------+

3 rows in set (0.00 sec)

mysql> Select \* FROM Customer WHERE Customer \_id =123459;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\_id =123459' at line 1

mysql> Select \* FROM Customer WHERE Customer\_id =123459;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active | Card |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A | NULL |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

2 rows in set (0.06 sec)

mysql> select \* from Customer;

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| H | Customer\_name | Customer\_id | Open\_date | Last\_consulted\_date | Vaccination\_id | Dr\_name | State | Country | DOB | Is\_active | Card |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

| D | John | 123456 | 2010-10-12 | 2012-10-13 | MVD | Paul | NSW | AU | 1987-08-06 | A | NULL |

| D | Alex | 123457 | 2010-10-13 | 2012-10-14 | MVD | Paul | SA | USA | 1987-08-07 | A | NULL |

| D | Mathew | 123458 | 2010-11-13 | 2012-11-14 | MVD | Paul | SA | USA | 1988-08-07 | A | NULL |

| D | Matt | 12345 | 2010-11-14 | 2012-12-14 | MVD | Paul | BOS | NYC | 1989-09-08 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | VIC | AU | 1980-10-09 | A | NULL |

| D | Jacob | 123459 | 2010-12-15 | 2012-01-15 | MVD | Paul | SA | USA | 1981-11-10 | A | NULL |

| D | Taran | 123460 | 2010-01-16 | 2012-02-16 | MVD | Paul | JK | IND | 1982-12-11 | A | NULL |

+------+---------------+-------------+------------+---------------------+----------------+---------+-------+---------+------------+-----------+------+

7 rows in set (0.00 sec)