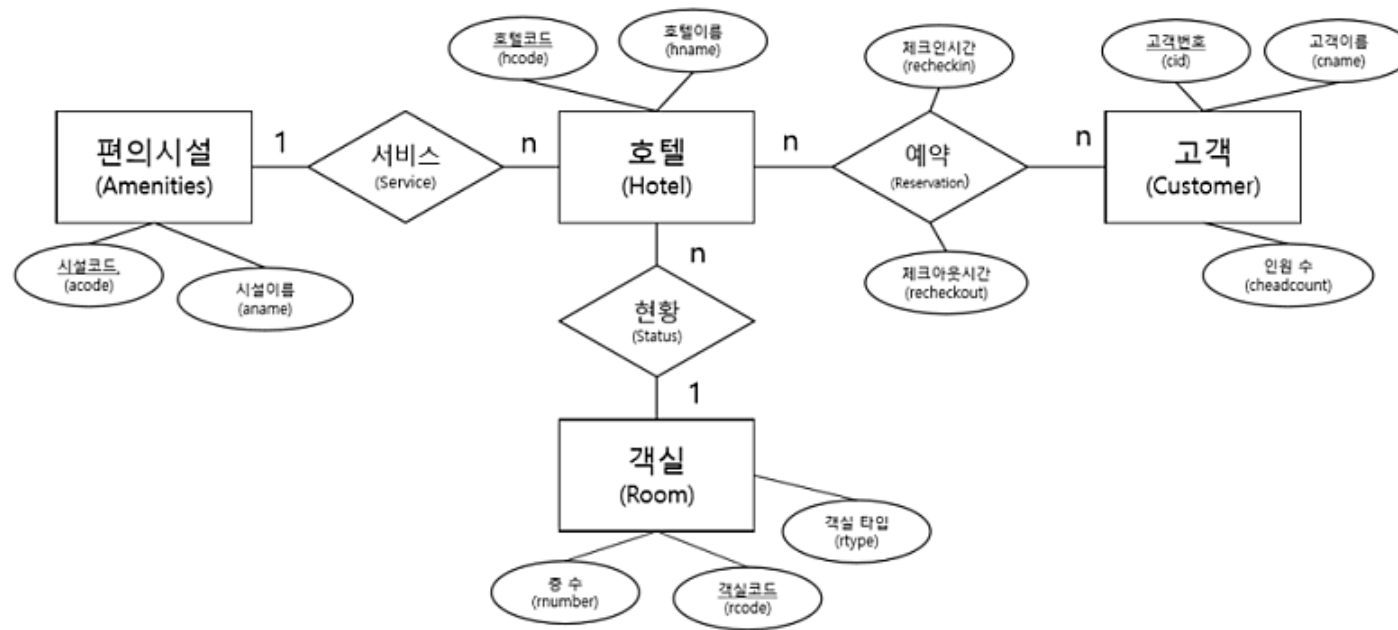


## 1.2 ERD



### 1.3 데이터베이스 스키마

Amenities		
PK	acode	
	aname	

Hotel		
PK	hcode	
	hname	
FK	acode	
FK	rcode	

Reservation		
PK	renum	
	recheckin	
	recheckout	
FK	hcode	
FK	cid	

Customer		
PK	cid	
	cname	
	cheadcount	

Room		
PK	rcode	
	rtype	
	rnumber	

### 1.4 테이블 생성

#### (1) Amenities 테이블

```
MariaDB [project]> create table amenities(  
    -> acode int,  
    -> aname varchar(32),  
    -> primary key(acode));  
Query OK, 0 rows affected (0.014 sec)  
  
MariaDB [project]> desc amenities;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| acode | int(11)       | NO   | PRI | NULL    |       |  
| aname | varchar(32)   | YES  |     | NULL    |       |  
+-----+-----+-----+-----+-----+-----+  
2 rows in set (0.013 sec)  
  
MariaDB [project]>
```

#### (2) Room 테이블

```

MariaDB [project]> create table room(
    -> rcode int,
    -> rtype varchar(32),
    -> rnumber int,
    -> primary key(rcode));
Query OK, 0 rows affected (0.017 sec)

MariaDB [project]> desc room;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| rcode | int(11)       | NO   | PRI | NULL    |       |
| rtype | varchar(32)   | YES  |     | NULL    |       |
| rnumber | int(11)      | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.013 sec)

```

(3) Hotel 테이블

```

MariaDB [project]> create table hotel(
    -> hcode int,
    -> hname varchar(32),
    -> acode int,
    -> rcode int,
    -> primary key(hcode),
    -> foreign key(acode) references amenities(acode),
    -> foreign key(rcode) references room(rcode));
Query OK, 0 rows affected (0.019 sec)

MariaDB [project]> desc hotel;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| hcode | int(11)       | NO   | PRI | NULL    |       |
| hname | varchar(32)   | YES  |     | NULL    |       |
| acode | int(11)       | YES  | MUL | NULL    |       |
| rcode | int(11)       | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.013 sec)

MariaDB [project]>

```

(4) Customer 테이블

```

MariaDB [project]> create table customer(
  -> cid int,
  -> cname varchar(32),
  -> cheadcount int,
  -> primary key(cid));
Query OK, 0 rows affected (0.016 sec)

MariaDB [project]> desc customer;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| cid   | int(11) | NO | PRI | NULL | |
| cname | varchar(32) | YES | | NULL | |
| cheadcount | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.012 sec)

```

(5) Reservation 테이블

```

MariaDB [project]> create table reservation(
  -> renum int,
  -> recheckin varchar(32),
  -> recheckout varchar(32),
  -> hcode int,
  -> cid int,
  -> primary key(renum),
  -> foreign key(hcode) references hotel(hcode),
  -> foreign key(cid) references customer(cid));
Query OK, 0 rows affected (0.018 sec)

MariaDB [project]> desc reservation;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| renum | int(11) | NO | PRI | NULL | |
| recheckin | varchar(32) | YES | | NULL | |
| recheckout | varchar(32) | YES | | NULL | |
| hcode | int(11) | YES | MUL | NULL | |
| cid   | int(11) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.016 sec)

```

(6) 전체 테이블

```
MariaDB [project]> show tables;
+-----+
| Tables_in_project |
+-----+
| amenities          |
| customer            |
| hotel               |
| reservation         |
| room                |
+-----+
```

## 2. 질의

### 2.1 관심질문(3개)

- (1) 전체 호텔 중 Superior 등급의 객실을 이용한 고객은 누구인가?
- (2) 신라호텔을 이용한 고객은 어떤 편의시설을 총 몇 명이 이용하였는가?
- (3) 전체 호텔 중 5월 1일에 체크인 한 고객은 누구인가?

### 2.2 자료입력

(1) Amenities 테이블 자료입력

```

MariaDB [project]> insert into amenities values(001, "수영장");
Query OK, 1 row affected (0.006 sec)

MariaDB [project]> insert into amenities values(002, "영화관");
Query OK, 1 row affected (0.003 sec)

MariaDB [project]> insert into amenities values(003, "레스토랑")
-> ;
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into amenities values(004, "루프탑");
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into amenities values(005, "와인바");
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> select * from amenities;
+-----+-----+
| acode | aname |
+-----+-----+
| 1     | 수영장 |
| 2     | 영화관 |
| 3     | 레스토랑 |
| 4     | 루프탑 |
| 5     | 와인바 |
+-----+-----+
5 rows in set (0.002 sec)

```

(2) Room 테이블 자료입력

```

MariaDB [project]> insert into room values(1001, "Standard", 1);
Query OK, 1 row affected (0.003 sec)

MariaDB [project]> insert into room values(1002, "Standard", 2);
Query OK, 1 row affected (0.003 sec)

MariaDB [project]> insert into room values(1003, "Standard", 3);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into room values(1004, "Standard", 4);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into room values(2001, "Superior", 1);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into room values(2002, "Superior", 2);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into room values(2003, "Superior", 3);
Query OK, 1 row affected (0.002 sec)

```

```
MariaDB [project]> insert into room values(2004, "Superior", 4);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [project]> insert into room values(3001, "Deluxe", 1);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [project]> insert into room values(3002, "Deluxe", 2);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [project]> insert into room values(3003, "Deluxe", 3);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [project]> insert into room values(3004, "Deluxe", 4);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [project]> select * from room;
```

rcode	rtype	rnumber
1001	Standard	1
1002	Standard	2
1003	Standard	3
1004	Standard	4
2001	Superior	1
2002	Superior	2
2003	Superior	3
2004	Superior	4
3001	Deluxe	1
3002	Deluxe	2
3003	Deluxe	3
3004	Deluxe	4

```
12 rows in set (0.000 sec)
```

(3) Hotel 테이블 자료입력

```

MariaDB [project]> insert into hotel values(123001, "롯데", 003, 1003);
Query OK, 1 row affected (0.005 sec)

MariaDB [project]> insert into hotel values(123008, "롯데", 001, 3004);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(115003, "시그니엘", 005, 2002);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(115009, "시그니엘", 005, 2003);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(999004, "신라", 003, 2002);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(999048, "신라", 004, 3001);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(999007, "신라", 004, 1003);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into hotel values(234008, "포시즌스", 002, 1004);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> select * from hotel;
+-----+-----+-----+-----+
| hcode | hname | acode | rcode |
+-----+-----+-----+-----+
| 115003 | 시그니엘 | 5 | 2002 |
| 115009 | 시그니엘 | 5 | 2003 |
| 123001 | 롯데 | 3 | 1003 |
| 123008 | 롯데 | 1 | 3004 |
| 234008 | 포시즌스 | 2 | 1004 |
| 999004 | 신라 | 3 | 2002 |
| 999007 | 신라 | 4 | 1003 |
| 999048 | 신라 | 4 | 3001 |
+-----+-----+-----+-----+
8 rows in set (0.002 sec)

```

(4)Customer 테이블 자료입력



```

MariaDB [project]> insert into customer values(13548, "Kang", 1);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(16386, "Kim", 3);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(86132, "Na", 2);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into customer values(16584, "Lee", 2);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(15648, "Park", 4);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(96216, "Jo", 1);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(31686, "Jung", 2);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into customer values(48631, "Choi", 3);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> select * from customer;
+-----+-----+-----+
| cid  | cname | cheadcount |
+-----+-----+-----+
| 13548 | Kang  |          1 |
| 15648 | Park  |          4 |
| 16386 | Kim   |          3 |
| 16584 | Lee   |          2 |
| 31686 | Jung  |          2 |
| 48631 | Choi  |          3 |
| 86132 | Na    |          2 |
| 96216 | Jo    |          1 |
+-----+-----+-----+
8 rows in set (0.001 sec)

```

(5) Reservation 테이블 자료입력

```

MariaDB [project]> insert into reservation values(20050001, "2020-05-01", "2020-05-02", 123001, 13548);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20050002, "2020-05-01", "2020-05-05", 123008, 16386);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20050013, "2020-05-03", "2020-05-13", 115003, 86132);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20050018, "2020-05-03", "2020-05-08", 115009, 16584);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20050095, "2020-05-14", "2020-05-16", 999004, 15648);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20060008, "2020-06-03", "2020-06-05", 999048, 96216);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20060032, "2020-06-11", "2020-06-15", 999007, 31686);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20060013, "2020-06-20", "2020-06-25", 234008, 48631);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> select * from reservation;
+-----+-----+-----+-----+-----+
| renum | recheckin | recheckout | hcode | cid |
+-----+-----+-----+-----+-----+
| 20050001 | 2020-05-01 | 2020-05-02 | 123001 | 13548 |
| 20050002 | 2020-05-01 | 2020-05-05 | 123008 | 16386 |
| 20050013 | 2020-05-03 | 2020-05-13 | 115003 | 86132 |
| 20050018 | 2020-05-03 | 2020-05-08 | 115009 | 16584 |
| 20050095 | 2020-05-14 | 2020-05-16 | 999004 | 15648 |
| 20060008 | 2020-06-03 | 2020-06-05 | 999048 | 96216 |
| 20060013 | 2020-06-20 | 2020-06-25 | 234008 | 48631 |
| 20060032 | 2020-06-11 | 2020-06-15 | 999007 | 31686 |
+-----+-----+-----+-----+-----+
8 rows in set (0.000 sec)

```

## 2.2 SELECT문과 결과화면

(1) 전체 호텔 중 Superior 등급의 객실을 이용한 고객은 누구인가?

```
select a.rtype, a.rnumber, b.hname, c.cid, c.cname from (room a join hotel b on (a.rcode = b.rcode)
join reservation d on (b.hcode = d.hcode)) join customer c on (d.cid = c.cid) where a.rtype = "Superior";
```

```
MariaDB [project]> select a.rtype, a.rnumber, b.hname, c.cid, c.cname from (
-> room a join hotel b on (a.rcode = b.rcode)
-> join reservation d on (b.hcode = d.hcode))
-> join customer c on (d.cid = c.cid) where a.rtype = "Superior";
```

rtype	rnumber	hname	cid	cname
Superior	2	시그니엘	86132	Na
Superior	3	시그니엘	16584	Lee
Superior	2	신라	15648	Park

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

(2) 신라호텔을 이용한 고객은 어떤 편의시설을 총 몇 명이 이용하였는가?

```
select a.hname, b.aname, sum(c.cheadcount) from (hotel a join amenities b on (a.acode = b.acode)
join reservation d on (a.hcode = d.hcode)) join customer c on (c.cid = d.cid)
where a.hname = "신라" group by b.aname;
```

```
MariaDB [project]> select a.hname, b.aname, sum(c.cheadcount) from (
-> hotel a join amenities b on (a.acode = b.acode)
-> join reservation d on (a.hcode = d.hcode))
-> join customer c on (c.cid = d.cid) where a.hname = "신라" group by b.aname;
```

hname	aname	sum(c.cheadcount)
신라	레스토랑	4
신라	루프탑	3

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

(3) 전체 호텔 중 5월 1일에 체크인 한 고객은 누구인가?

```
select a.hname, b.recheckin, c.cid, c.cname from (
hotel a left join reservation b on (b.hcode = a.hcode and (b.recheckin = "2020-05-01"))
left join customer c on (b.cid = c.cid));
```

```
MariaDB [project]> select a.hname, b.recheckin, c.cid, c.cname from (
-> hotel a left join reservation b on (b.hcode = a.hcode and (b.recheckin = "2020-05-01"))
-> left join customer c on (b.cid = c.cid));
```

hname	recheckin	cid	cname
시그니엘	NULL	NULL	NULL
시그니엘	NULL	NULL	NULL
롯데	2020-05-01	13548	Kang
롯데	2020-05-01	16386	Kim
포시즌스	NULL	NULL	NULL
신라	NULL	NULL	NULL
신라	NULL	NULL	NULL
신라	NULL	NULL	NULL

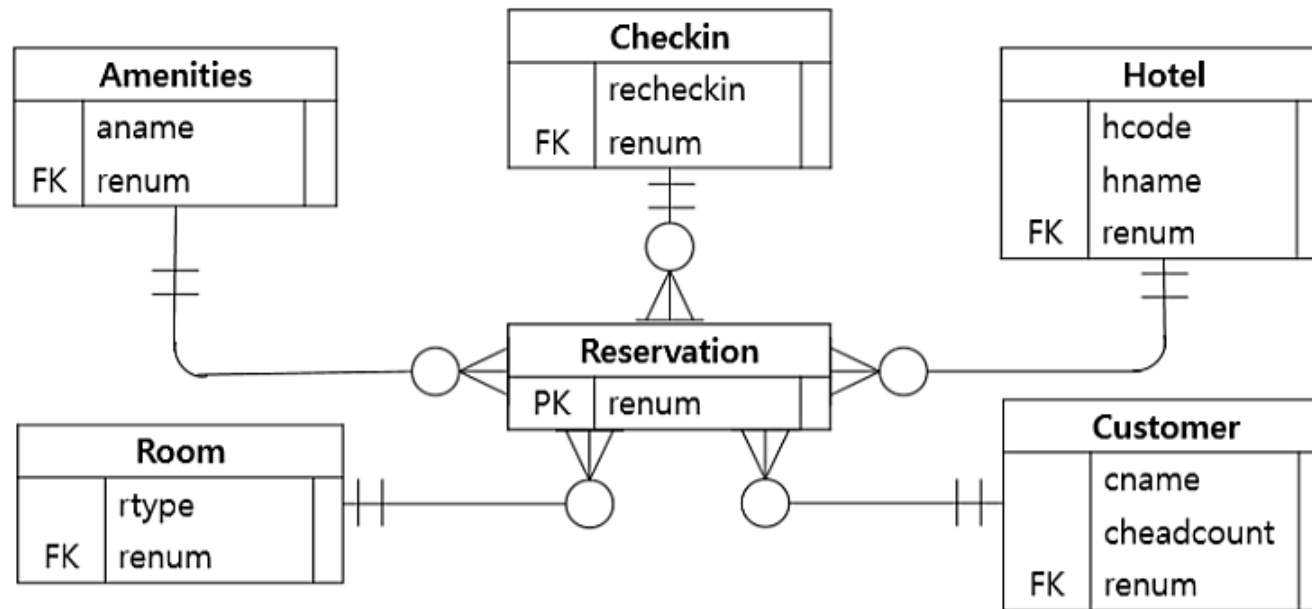
8 rows in set (0.001 sec)

### 3. 다차원 자료 모델

#### 3.1 질문(3개)

- (1) 특정 호텔의 어떤 타입의 객실이 어떤 날에 가장 많이 예약되었는가?
- (2) 특정 인원 수의 고객이 어떤 타입의 객실을 많이 예약했는가?
- (3) 특정 호텔에 예약한 고객들의 객실 타입에 따라 가장 많이 이용되는 시설은 무엇인가?

#### 3.2 다차원 자료 모델(ERD)



#### \*수정사항

-다차원 분석 간에 자료의 양이 부족하다고 판단하여 데이터를 추가하였습니다.

```
MariaDB [project]> insert into reservation values(20050024, "2020-05-05", "2020-05-06", 123002, 13549);
Query OK, 1 row affected (0.002 sec)

MariaDB [project]> insert into reservation values(20050025, "2020-05-05", "2020-05-07", 123003, 13550);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20050036, "2020-05-05", "2020-05-07", 123004, 13551);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060048, "2020-06-11", "2020-06-13", 123005, 13552);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20050038, "2020-05-14", "2020-05-15", 115002, 16388);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060049, "2020-06-06", "2020-06-07", 115004, 86133);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060050, "2020-06-06", "2020-06-09", 115005, 86134);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060084, "2020-06-06", "2020-06-11", 115006, 86135);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060086, "2020-06-20", "2020-06-21", 115008, 86137);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060082, "2020-06-03", "2020-06-05", 234009, 48632);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060087, "2020-06-03", "2020-06-05", 234010, 48633);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060091, "2020-06-06", "2020-06-08", 234011, 48634);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20050099, "2020-05-14", "2020-05-15", 999008, 31687);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060045, "2020-06-06", "2020-06-07", 999009, 31688);
Query OK, 1 row affected (0.001 sec)

MariaDB [project]> insert into reservation values(20060090, "2020-06-06", "2020-06-09", 999010, 31689);
Query OK, 1 row affected (0.002 sec)
```

#### 4. 다차원 자료 분석

## 4.1 데이터 큐브를 위한 뷰

### (1) 뷰 생성

```
MariaDB [project]> create view data_view as select a.renum, a.recheckin, b.hcode, b.hname, c.aname, d.rtype, e.cname, e.cheadcount
-> from ((reservation a join hotel b on (a.hcode=b.hcode)) join amenities c on (b.acode=c.acode))
-> join room d on (b.rcode = d.rcode) join customer e on (a.cid=e.cid);
Query OK, 0 rows affected (0.006 sec)
```

renum	recheckin	hcode	hname	aname	rtype	cname	cheadcount
20060049	2020-06-06	115004	시그니엘	수영장	Superior	Jo	3
20060050	2020-06-06	115005	시그니엘	수영장	Superior	Choi	3
20050002	2020-05-01	123008	롯데	수영장	Deluxe	Kim	3
20050099	2020-05-14	999008	신라	수영장	Standard	Kang	1
20060084	2020-06-06	115006	시그니엘	영화관	Superior	Park	2
20060013	2020-06-20	234008	포시즌스	영화관	Standard	Choi	3
20060082	2020-06-03	234009	포시즌스	영화관	Standard	Park	1
20060091	2020-06-06	234011	포시즌스	영화관	Superior	Jung	3
20050038	2020-05-14	115002	시그니엘	레스토랑	Standard	Lee	2
20050001	2020-05-01	123001	롯데	레스토랑	Standard	Kang	1
20060048	2020-06-11	123005	롯데	레스토랑	Deluxe	Jo	2
20050095	2020-05-14	999004	신라	레스토랑	Superior	Park	4
20060087	2020-06-03	234010	포시즌스	루프탑	Superior	Jo	2
20060032	2020-06-11	999007	신라	루프탑	Standard	Jung	2
20060045	2020-06-06	999009	신라	루프탑	Deluxe	Na	4
20060090	2020-06-06	999010	신라	루프탑	Deluxe	Lee	3
20060008	2020-06-03	999048	신라	루프탑	Deluxe	Jo	1
20050013	2020-05-03	115003	시그니엘	와인바	Superior	Na	2
20060086	2020-06-20	115008	시그니엘	와인바	Deluxe	Kim	4
20050018	2020-05-03	115009	시그니엘	와인바	Superior	Lee	2
20050024	2020-05-05	123002	롯데	와인바	Standard	Kim	1
20050025	2020-05-05	123003	롯데	와인바	Standard	Na	1
20050036	2020-05-05	123004	롯데	와인바	Standard	Lee	1

23 rows in set (0.001 sec)

(2) 뷰 연결

renum	recheckin	hcode	hname	aname	rtype	cname	cheadcount
20060049	2020-06-06	115004	시그니엘	수영장	Superior	Jo	3
20060050	2020-06-06	115005	시그니엘	수영장	Superior	Choi	3
20050002	2020-05-01	123008	롯데	수영장	Deluxe	Kim	3
20050099	2020-05-14	999008	신라	수영장	Standard	Kang	1
20060084	2020-06-06	115006	시그니엘	영화관	Superior	Park	2
20060013	2020-06-20	234008	포시즌스	영화관	Standard	Choi	3
20060082	2020-06-03	234009	포시즌스	영화관	Standard	Park	1
20060091	2020-06-06	234011	포시즌스	영화관	Superior	Jung	3
20050038	2020-05-14	115002	시그니엘	레스토랑	Standard	Lee	2
20050001	2020-05-01	123001	롯데	레스토랑	Standard	Kang	1
20060048	2020-06-11	123005	롯데	레스토랑	Deluxe	Jo	2
20050095	2020-05-14	999004	신라	레스토랑	Superior	Park	4
20060087	2020-06-03	234010	포시즌스	루프탑	Superior	Jo	2
20060032	2020-06-11	999007	신라	루프탑	Standard	Jung	2
20060045	2020-06-06	999009	신라	루프탑	Deluxe	Na	4
20060090	2020-06-06	999010	신라	루프탑	Deluxe	Lee	3
20060008	2020-06-03	999048	신라	루프탑	Deluxe	Jo	1
20050013	2020-05-03	115003	시그니엘	와인바	Superior	Na	2
20060086	2020-06-20	115008	시그니엘	와인바	Deluxe	Kim	4
20050018	2020-05-03	115009	시그니엘	와인바	Superior	Lee	2
20050024	2020-05-05	123002	롯데	와인바	Standard	Kim	1
20050025	2020-05-05	123003	롯데	와인바	Standard	Na	1
20050036	2020-05-05	123004	롯데	와인바	Standard	Lee	1

4.2 질문(3개)

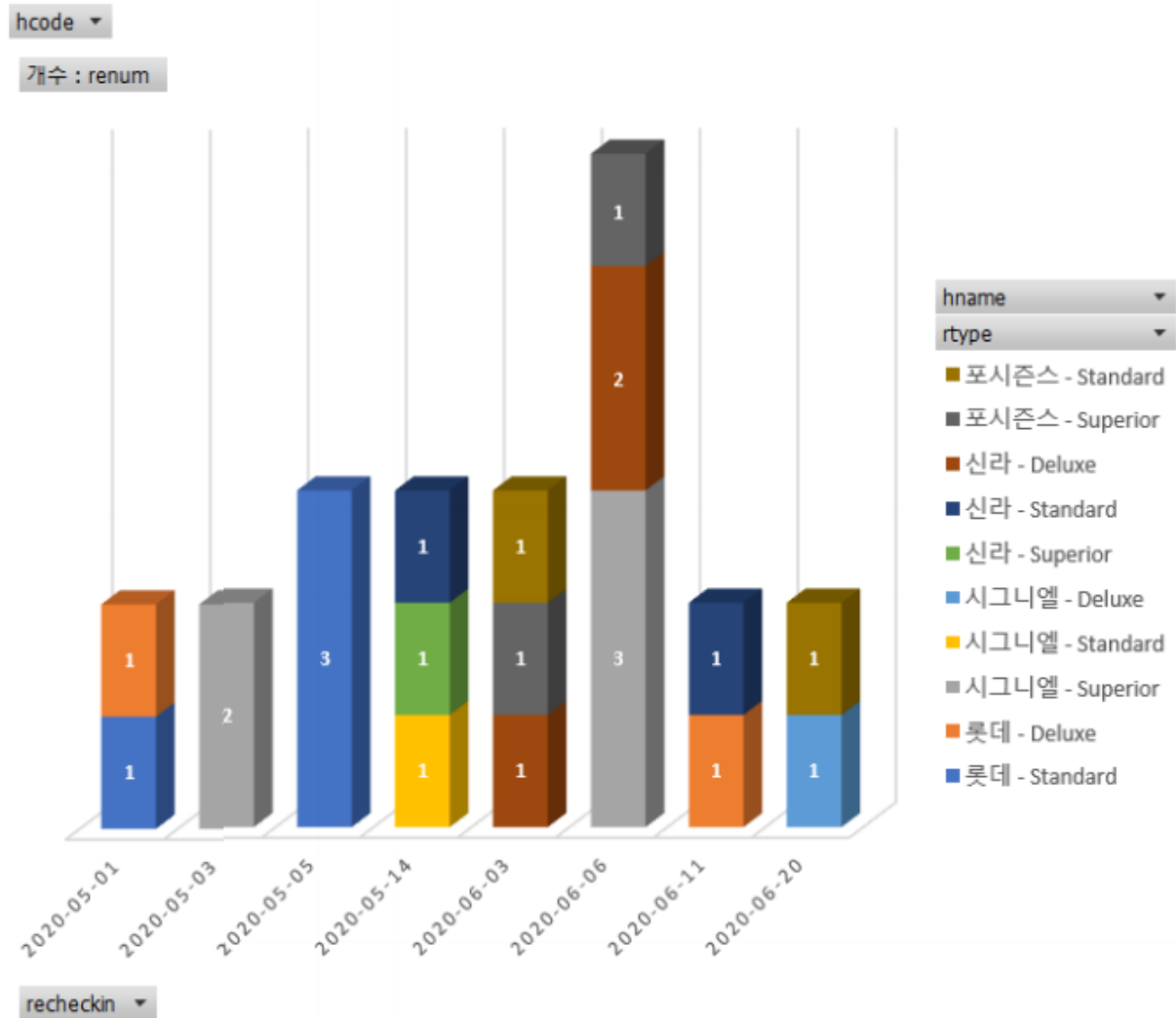
(1) 특정 호텔의 어떤 타입의 객실이 어떤 날에 가장 많이 예약되었는가?

1-1) 피벗테이블 보고서



hcode	(모두)											
개수 : renum	열 레이블											
	<input type="checkbox"/> 돛데 <input type="checkbox"/> 시그니엘 <input type="checkbox"/> 신라 <input type="checkbox"/> 포시즌스											
행 레이블	Standard	Deluxe	Superior	Standard	Deluxe	Superior	Standard	Deluxe	Superior	Standard		총합계
2020-05-01	1	1										2
2020-05-03			2									2
2020-05-05	3											3
2020-05-14				1		1	1					3
2020-06-03								1	1	1		3
2020-06-06			3					2	1			6
2020-06-11		1					1					2
2020-06-20					1						1	2
총합계	4	2	5	1	1	1	2	3	2	2		23

1-2) 피벗 차트

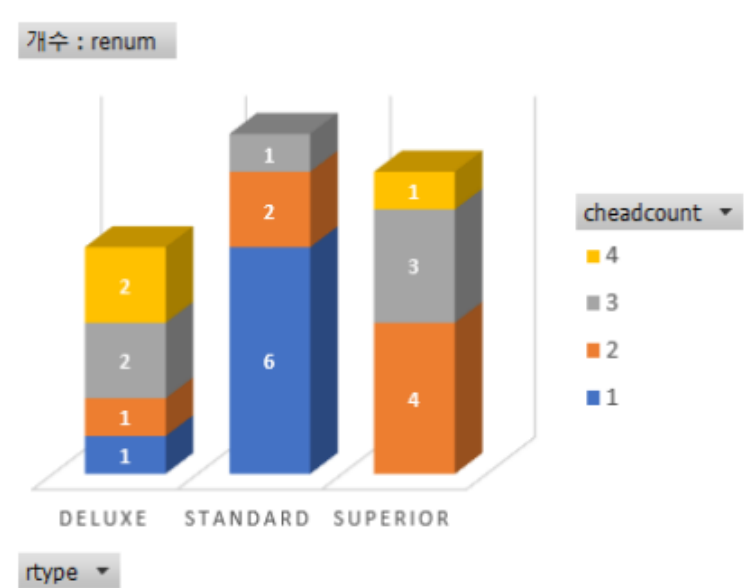


(2) 특정 인원수의 고객이 어떤 타입의 객실을 많이 예약했는가?

2-1) 피벗테이블 보고서

개수 : renum		열 레이블 ▾			
행 레이블 ▾		1명	2명	3명	4명 총합계
Deluxe	1	1	2	2	6
Standard	6	2	1		9
Superior		4	3	1	8
총합계	7	7	6	3	23

## 2-2) 피벗 차트



(3) 특정 호텔에 예약한 고객들의 객실 타입에 따라 가장 많이 이용되는 시설은 무엇인가 ?

## 3-1) 피벗테이블 보고서

hcode	(모두)						
개수 : renum	열 레이블						
행 레이블	레스토랑	루프탑	수영장	영화관	와인바	총합계	
☐ 롯데	2		1		3	6	
Deluxe	1		1			2	
Standard	1				3	4	
☐ 시그니엘	1		2	1	3	7	
Deluxe					1	1	
Standard	1					1	
Superior			2	1	2	5	
☐ 신라	1	4	1			6	
Deluxe		3				3	
Standard		1	1			2	
Superior	1					1	
☐ 포시즌스		1			3	4	
Standard					2	2	
Superior		1			1	2	
총합계	4	5	4	4	6	23	

3-2) 피벗 차트

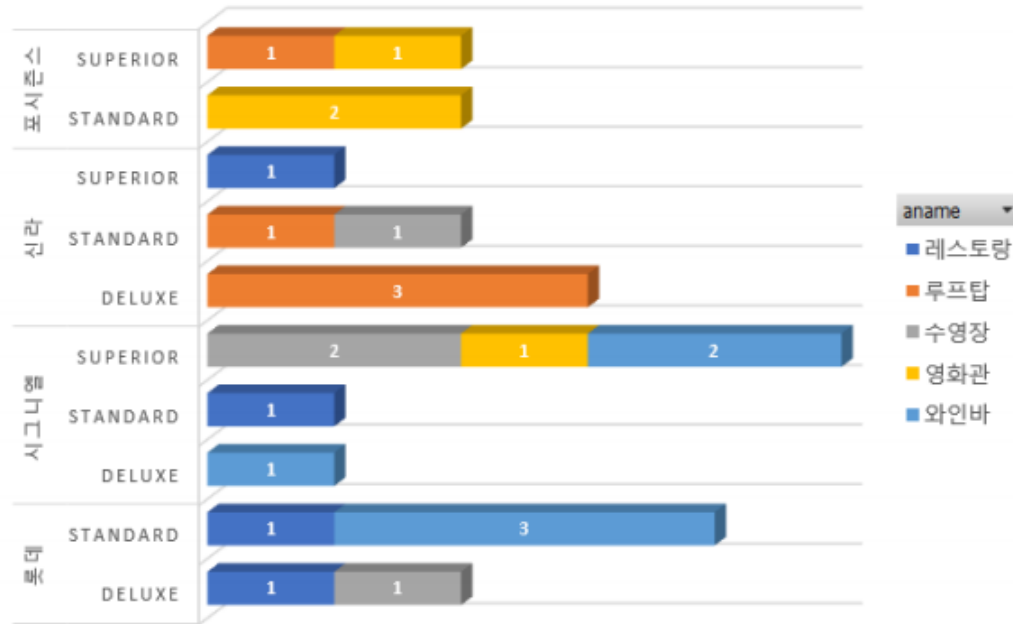
hcode ▾

개수 : renum

hname ▾

rtype ▾

+ -



## 댓글

김형경

댓글을 남겨보세요



등록