

● 통계(SW활용현황) API를 위한 DB, Table 생성

```
CREATE DATABASE statistc;
```

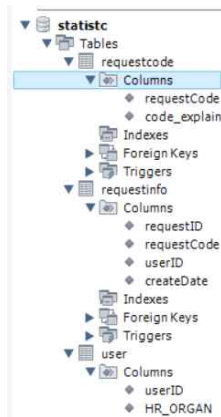
```
CREATE Table statistc.requestInfo (  
    requestID numeric NOT NULL primary key  
    requestCode varchar(5) NOT NULL,  
    userID varchar(5),  
    createDate varchar(10)  
);
```

```
CREATE table statistc.requestCode (  
    requestCode varchar(5) NOT NULL primary key,  
    code_explain varchar(50) NOT NULL  
);
```

```
CREATE table statistc.user (  
    userID varchar(5) NOT NULL primary key,  
    HR_ORGAN varchar(5) NOT NULL,  
    USERNAME varchar(5) NOT NULL  
);
```

```
INSERT INTO statistc.requestInfo(requestID, requestCode, userID, createDate )  
VALUES(1, 'L', 'AAA', '2008180520'), #20년 8월 18일 5시 20분  
(2, 'O', 'DDD', '2004040404'),  
(3, 'L', 'BBB', '2006220920'),  
(4, 'L', 'CCC', '1906220920');
```

● staticsc DB 생성



● requestInfo tables에 대한 값

```
1 • select * from staticsc.requestInfo;
```

	requestID	requestCode	userID	createDate
▶	1	L	AAA	2008180520
	2	O	BBB	2004040404
	3	L	CCC	2006220920
	4	L	DDD	1906220920
	5	L	EEE	200716619
	6	O	FFF	201212514
	7	L	GGG	201115313
	8	L	HHH	200212119
	9	O	III	211225114
	10	L	JJJ	210616122
	11	L	KKK	210518119
	12	O	LLL	220116116

## ● 월별 접속자 수

```

1 • SELECT DATE_FORMAT(createDate, '%Y-%m') AS month, COUNT(*) AS visitor_count
2   FROM requestInfo
3  GROUP BY month;
4

```

month	visitor_count
2019-06	1
2020-02	1
2020-04	1
2020-06	1
2020-08	1
2021-05	1
2021-06	1
2021-12	1
2022-01	1
2022-07	1
2023-11	1

## ● 일자별 접속자 수

```

1 • SELECT createDate, COUNT(*) AS numberOfUsers
2   FROM requestInfo
3  GROUP BY createDate;
4

```

createDate	numberOfUsers
1906220920	1
200212119	1
2004040404	1
2006220920	1
200716619	1
2008180520	1
201115313	1
201212514	1
210518119	1
210616122	1
211225114	1
220116116	1

## ● 평균 하루 로그인 수

```

1 • SELECT AVG(numberOfUsers) AS averageDailyLogins
2   FROM (
3     SELECT COUNT(*) AS numberOfUsers
4     FROM (
5       SELECT createDate, userID
6       FROM requestInfo
7       GROUP BY createDate, userID
8     )
9   )

```

averageDailyLogins
1.0000

## ● 부서별 월별 로그인 수

```
1 SELECT DATE_FORMAT(createDate, '%Y-%m') AS month, department, COUNT(DISTINCT userID) AS numberOfUsers
2 FROM requestInfo
3 GROUP BY month, department;
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content: 15
month	department	numberOfUsers			
2019-06	ROLE	7			
2019-06	ROLE	1			
2020-02	ROLE	1			
2020-04	ROLE	1			
2020-06	ROLE	1			
2020-08	ROLE	1			
2021-05	ROLE	1			
2021-06	ROLE	1			
2021-12	ROLE	1			
2022-01	ROLE	1			
2022-07	ROLE	1			
2023-11	ROLE	1			