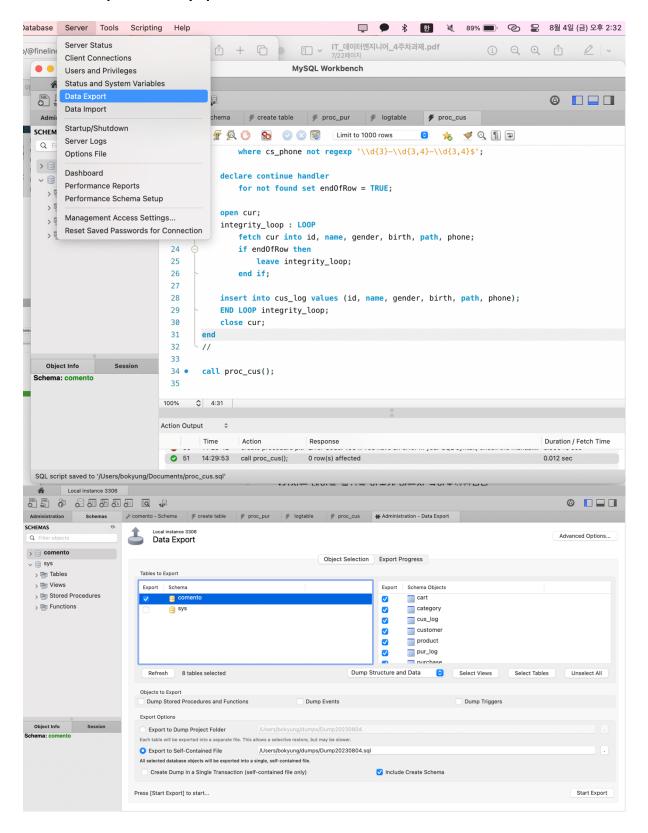
1. dump 백업 - mysql workbench



```
Users > bokyung > dumps > ■ Dump20230804.sql
       CREATE DATABASE IF NOT EXISTS `comento` /*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4_0900
       USE `comento`;
       -- MySQL dump 10.13 Distrib 8.0.34, for macos13 (arm64)
       /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
      /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
       /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
       /*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
       /*!40103 SET TIME_ZONE='+00:00' */;
       /*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
      /*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
       /*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
 17
       /*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
       -- Table structure for table `cart`
       CREATE TABLE `cart` (
         `pd_id` varchar(10) NOT NULL,
`amount` int DEFAULT NULL,
         PRIMARY KEY (`cart_id`),
         KEY `cs_id` (`cs_id`),
         KEY `pd_id` (`pd_id`),
         CONSTRAINT `cart_ibfk_1` FOREIGN KEY (`cs_id`) REFERENCES `customer` (`cs_id`) ON UPDATE CASCADE, CONSTRAINT `cart_ibfk_2` FOREIGN KEY (`pd_id`) REFERENCES `product` (`pd_id`) ON UPDATE CASCADE
       ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

2. 테이블 백업

1) 테이블 생성

mem_name	job_code	start_datetime	end_datetime	
궁예	왕	2020-04-01 00:00:00	2021-03-30 00:00:00	
사달라	외화벌이	2018-04-01 00:00:00	2022-03-30 00:00:00	
송강호	운전기사	2019-12-30 00:00:00	2021-04-30 00:00:00	
이토히로부미	강도	2019-12-31 00:00:00	2020-04-17 00:00:00	
정은	폭탄성애자	2020-03-21 00:00:00	2020-04-13 00:00:00	
제프베조스	부자	2017-03-21 00:00:00	2031-12-11 00:00:00	
펭수	웅변가	2021-02-22 00:00:00	2022-03-31 00:00:00	
한치두치세치네치	볶음밥볶음밥	2013-01-02 00:00:00	2020-04-01 00:00:00	
NULL	NULL	NULL	NULL	

2) 깜짝퀴즈

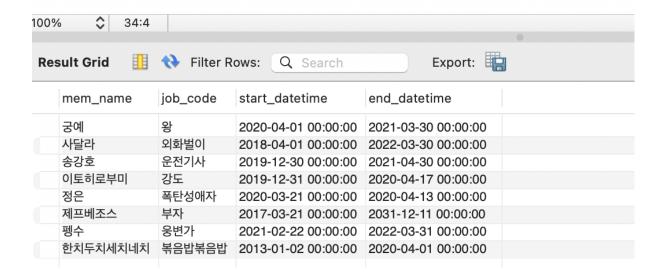
```
20 •
         select *
 21
         from member_info
 22
         where str_to_date('20200415', '%Y%m%d') between start_datetime and end_datetime;
 23
        1:19
100%
            III 💎 Filter Rows: Q Search
                                                   Edit:
                                                                     Export/Import:
Result Grid
   mem_name job_code start_datetime
                                      end_datetime
   궁예
              왕
                      2020-04-01 00:00:00 2021-03-30 00:00:00
             외화벌이
   사달라
                      2018-04-01 00:00:00 2022-03-30 00:00:00
   송강호
              운전기사
                      2019-12-30 00:00:00 2021-04-30 00:00:00
   이토히로부미 강도
                      2019-12-31 00:00:00 2020-04-17 00:00:00
   제프베조스
              부자
                      2017-03-21 00:00:00 2031-12-11 00:00:00
              NULL
    NULL
```

3) 다른 DB에 백업

- 1 create table log_DB.member_info
- 2 as select * from original_DB.member_info;

3

4 • select * from log_DB.member_info;



4) 원본테이블 데이터 변경



3. DB 장애처리

1) 없는 컬럼에 데이터 insert

2) lock 발생 및 kill

```
\bullet \circ \circ
                           docker exec -it mysql bash
                                                                           \%1
mysql> select user();
| user()
| root@localhost |
1 row in set (0.01 sec)
mysql> update rec_cust set data_mod_nm = 'changer', data_mod_time = SLEEP(200);
docker exec -it mysql bash
                                                                           \%2
                          | 19800103 | 010-0000-0000 | P01
                                                                     2023-08-0
 ID03 | June
                    | 2023-08-04 | system |
3 rows in set (0.01 \text{ sec})
mysql> update rec_cust set data_mod_nm = 'changer2', data_mod_time = SLEEP(200);
ERROR 1205 (HY000): Lock wait timeout exceeded; try restarting transaction
mysql>
```

-- kill

4. PGSQL 설치

```
bokyung@bokyungui-MacBookAir postgres --version

postgres (PostgreSQL) 14.8 (Homebrew)

bokyung@bokyungui-MacBookAir brew services start postgresql

Warning: Formula postgresql was renamed to postgresql@14.

==> Successfully started postgresql@14 (label: homebrew.mxcl.postgresql@14)

x bokyung@bokyungui-MacBookAir psql -U bokyung postgres

psql (14.8 (Homebrew))

Type "help" for help.

postgres=# create user bokyung;

ERROR: role "bokyung" already exists

postgres=# alter user bokyung password 'dlqhrud-1124';

ALTER ROLE

postgres=# alter user bokyung superuser;

ALTER ROLE

postgres=#
```

`select relation :: regclass, mode, granted, pid, * from pg_locks;`

```
postgres=# create user bokyung;
ERROR: role "bokyung" already exists postgres=# alter user bokyung password 'dlqhrud-1124';
ALTER ROLE
postgres=# alter user bokyung superuser;
ALTER ROLE
postgres=# set search_path to bokyung;
SET
postgres=# select relation :: regclass, mode, granted, pid, * from pg_locks;
postgres=# \watch 3;
금 8/ 4 17:36:01 2023 (every 3s)
SET
금 8/ 4 17:36:04 2023 (every 3s)
SET
금 8/4 17:36:07 2023 (every 3s)
SET
금 8/ 4 17:36:10 2023 (every 3s)
SET
 `C
postgres=#
```