Comando carga de archivos

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\ArchivosPractica2\Carga1.sql;

Día 1

Backup completo:

mysqldump -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\backupdia1.sql backup incremental:

mysqldump --single-transaction --quick --skip-extended-insert --routines -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia1.sql

```
SELECT * FROM Practica2 LIMIT 5
```

```
ysql> show tables;
Tables_in_practica1
practica2
row in set (0.24 sec)
nysql> SELECT * FROM Practica2 LIMIT 5;
           nombre
                                                          genero
  3919413
           Kelley Ertelt
                              kertelt8n@psu.edu
                                                          Male
  5289478
            Jamesy Simmance
                              jsimmance6t@shinystat.com
                                                          Female
           Nanette Kellett
                              nkellettew@bbc.co.uk
  8998802
                                                          Female
 10360257
           Des McInnery
                              dmcinneryje@boston.com
                                                          Male
 12789061 | Hort Baggarley
                              hbaggarley9y@amazon.co.uk
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
ysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
 dpi
            nombre
                               email
                                                         genero
 995889458 | Eldredge Kaysor
                               ekaysorii@tuttocitta.it
                                                         Female
 995442940
            Cindee Chasle
                               cchaslefb@usda.gov
                                                         Male
 994173287
             Heida Darlow
                               hdarlow5w@google.it
                                                         Male
 993360572
             Pearle Byne
                               pbyne81@slate.com
                                                         Female
                               lbetz6i@ucoz.ru
 992872832
             Leilah Betz
                                                         Male
 rows in set (0.00 sec)
nysql>
```

Backup completo:

backup incremental:

mysqldump --single-transaction --quick --skip-extended-insert --routines -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\ncentraldia2.sql

```
SELECT * FROM Practica2 LIMIT 5
```

```
mysql> SELECT * FROM Practica2 LIMIT 5;
                              email
 dpi
           nombre
                                                           genero
 1046450
           My Sedgeworth
                              msedgewortham@mtv.com
                                                           Female
 1168765
           Candace Matonin
                              cmatonin7d@ebay.co.uk
                                                           Female
 2641671
           Florella Mellmer
                               fmellmern@github.io
                                                           Male
           Kelley Ertelt
                               kertelt8n@psu.edu
 3919413
                                                           Male
           Jamesy Simmance
                              jsimmance6t@shinystat.com
 5289478
                                                          Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
                                                              genero
 999998685
             Chrystal Traske
                                ctraske9k@thetimes.co.uk
                                                              Male
           Lydia Trinder
 997651440
                                 ltrinderdr@sogou.com
                                                              Female
                               | phuertasf@cbslocal.com
 997551883
             Parry Huertas
                                                             Male
 996499363
             Dayna Antonomolii |
                                dantonomolii91@tinyurl.com
                                                              Female
 995889458 | Eldredge Kaysor
                                ekaysorii@tuttocitta.it
                                                              Female
 rows in set (0.00 sec)
```

Backup completo:

mysqldump -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\backupdia3.sql backup incremental:

mysqldump --single-transaction --quick --skip-extended-insert --routines -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia3.sql

mysql> SELECT * FROM Practica2 LIMIT 5;			
dpi	nombre	email	genero
738360 1046450 1168765 2641671 3919413	Pavel Berks My Sedgeworth Candace Matonin Florella Mellmer Kelley Ertelt	pberksgj@icq.com msedgewortham@mtv.com cmatonin7d@ebay.co.uk fmellmern@github.io kertelt8n@psu.edu	Male Female Female Male Male
5 rows in s	set (0.00 sec)		

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;			
dpi	nombre	email	genero
999998685 998866090 997924650 997859599 997651440	Chrystal Traske Alejoa Halleybone Ario Ranklin Tamara Fuggles Lydia Trinder	ctraske9k@thetimes.co.uk ahalleyboned4@purevolume.com aranklin4u@ucla.edu tfugglesdj@tonline.de ltrinderdr@sogou.com	Male Female Agender Polygender Female
	(0.00 sec)		Υ

Backup completo:

mysqldump -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\backupdia4.sql backup incremental:

mysqldump --single-transaction --quick --skip-extended-insert --routines -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\ncentraldia4.sql

```
SELECT * FROM Practica2 LIMIT 5
```

```
nysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
           nombre
                                email
                                                             genero
  738360
           Pavel Berks
                                pberksgj@icq.com
                                                             Male
 1046450
           My Sedgeworth
                                msedgewortham@mtv.com
                                                             Female
 1168765
           Candace Matonin
                                cmatonin7d@ebay.co.uk
                                                             Female
           Orazio Bloodworthe
                                obloodworthec7@erecht24.de
 1234975
                                                             Female
                                lstricklere8@ustream.tv
          Lemmie Strickler
 1371068
                                                             Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
nysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
 dpi
                                 email
             nombre
                                                                 genero
 999998685
                                 ctraske9k@thetimes.co.uk
             Chrystal Traske
                                                                 Male
 999583594
             Marley Reddle
                                 mreddle1h@rediff.com
                                                                 Male
 999274321
             Evy Sorrie
                                 esorrieb@flavors.me
                                                                 Female
                                 hkinmanhl@joomla.org
 999163885
             Harmon Kinman
                                                                 Male
 998866090
             Alejoa Halleybone
                                 ahalleyboned4@purevolume.com
                                                                 Female
 rows in set (0.00 sec)
```

Backup completo:

 $my sqldump - u \ root - p \ practica 1 > C:\Users\luiss\One Drive\Escritorio\backup\backup\dia 5. sql$

backup incremental:

mysqldump --single-transaction --quick --skip-extended-insert --routines -u root -p practica1 > C:\Users\luiss\OneDrive\Escritorio\backup\backup\ncentraldia5.sql

```
SELECT * FROM Practica2 LIMIT 5
```

```
nysql> SELECT * FROM Practica2 LIMIT 5;
                              email
                                                       genero
 dpi
           nombre
  177544
           Jorry Grimwad
                              jgrimwadcm@hibu.com
                                                      Male
           Pavel Berks
  738360
                              pberksgj@icq.com
                                                      Male
           My Sedgeworth
                              msedgewortham@mtv.com
                                                      Female
 1046450
 1113999
           Josee Gilbane
                              jgilbanehv@oakley.com
                                                       Genderfluid
 1168765
           Candace Matonin
                              cmatonin7d@ebay.co.uk
                                                       Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
FROM Practica2 ORDER BY dpi DESC LIMIT 5;
nysql> SELECT
                                email
 dpi
             nombre
                                                            genero
 999998685
                                ctraske9k@thetimes.co.uk
             Chrystal Traske
                                                            Male
                                                            Female
             Harriett Pettus
                                hpettusdz@cafepress.com
 999871185
                                mreddle1h@rediff.com
             Marley Reddle
                                                            Male
 999583594
 999274321
             Evy Sorrie
                                esorrieb@flavors.me
                                                            Female
                                hkinmanhl@joomla.org
 999163885
             Harmon Kinman
                                                            Male
 rows in set (0.00 sec)
```

Restauración full Backups

Full backup 1:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupdia1.sql

Tiempo: 00:02:44

```
mysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
            nombre
                              email
                                                         genero
            Kelley Ertelt
  3919413
                              kertelt8n@psu.edu
                                                         Male
  5289478 | Jamesy Simmance |
                             jsimmance6t@shinystat.com
                                                         Female
  8998802
            Nanette Kellett |
                             nkellettew@bbc.co.uk
                                                         Female
                              dmcinneryje@boston.com
                                                         Male
 10360257
            Des McInnery
 12789061
          | Hort Baggarley
                            | hbaggarley9y@amazon.co.uk
                                                         Male
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
FROM Practica2 ORDER BY dpi DESC LIMIT 5;
                             email
dpi
                                                       genero
           nombre
995889458
           Eldredge Kaysor | ekaysorii@tuttocitta.it
                                                        Female
995442940
           Cindee Chasle
                             cchaslefb@usda.gov
                                                       Male
                             hdarlow5w@google.it
           Heida Darlow
994173287
                                                       Male
993360572
           Pearle Byne
                             pbyne81@slate.com
                                                       Female
                             lbetz6i@ucoz.ru
992872832
           Leilah Betz
                                                       Male
rows in set (0.00 sec)
```

Full backup 2:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupdia2.sql

Tiempo: 00:03:11

```
mysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
                               email
           nombre
 1046450
           My Sedgeworth
                              msedgewortham@mtv.com
                                                           Female
 1168765
           Candace Matonin
                              cmatonin7d@ebay.co.uk
                                                           Female
           Florella Mellmer
                               fmellmern@github.io
 2641671
                                                           Male
                              kertelt8n@psu.edu
 3919413
           Kelley Ertelt
                                                           Male
 5289478 | Jamesy Simmance
                               jsimmance6t@shinystat.com
                                                           Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
             nombre
                                 email
 dpi
                                                               genero
 999998685
           | Chrystal Traske
                                  ctraske9k@thetimes.co.uk
                                                               Male
 997651440 | Lydia Trinder
                                 ltrinderdr@sogou.com
                                                               Female
                                  phuertasf@cbslocal.com
 997551883
             Parry Huertas
                                                               Male
 996499363 | Dayna Antonomolii
                                  dantonomolii91@tinyurl.com
                                                               Female
 995889458 | Eldredge Kaysor
                                  ekaysorii@tuttocitta.it
                                                               Female
 rows in set (0.00 sec)
```

Full backup 3:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupdia3.sql

Tiempo: 00:03:33

```
mysql> SELECT * FROM Practica2 LIMIT 5;
                               email
 dpi
           nombre
                                                       genero
           Pavel Berks
                              pberksgj@icq.com
  738360
                                                       Male
 1046450
           My Sedgeworth
                              msedgewortham@mtv.com
                                                       Female
           Candace Matonin
                              cmatonin7d@ebay.co.uk
                                                       Female
 1168765
           Florella Mellmer
 2641671
                              fmellmern@github.io
                                                       Male
 3919413 | Kelley Ertelt
                               kertelt8n@psu.edu
                                                       Male
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
 dpi
             nombre
                                 email
                                                                genero
 999998685 | Chrystal Traske
                                 ctraske9k@thetimes.co.uk
                                                                Male
 998866090
             Alejoa Halleybone |
                                 ahalleyboned4@purevolume.com
                                                                Female
 997924650 | Ario Ranklin
                                 aranklin4u@ucla.edu
                                                                Agender
 997859599
             Tamara Fuggles
                                 tfugglesdj@tonline.de
                                                                Polygender
 997651440 | Lydia Trinder
                                 ltrinderdr@sogou.com
                                                                Female
 rows in set (0.00 sec)
```

Full backup 4:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupdia4.sql

Tiempo: 00:03:40

```
mysql> SELECT * FROM Practica2 LIMIT 5;
                                                              genero
 dpi
           nombre
                                email
           Pavel Berks
                                pberksgj@icq.com
  738360
                                                             Male
           My Sedgeworth
                                msedgewortham@mtv.com
 1046450
                                                             Female
           Candace Matonin
                                cmatonin7d@ebay.co.uk
                                                              Female
 1168765
                                obloodworthec7@erecht24.de
 1234975
           Orazio Bloodworthe
                                                              Female
 1371068 | Lemmie Strickler
                               | lstricklere8@ustream.tv
                                                              Female
 rows in set (0.01 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;			
dpi	nombre	email	genero
999998685 999583594 999274321 999163885 998866090	Chrystal Traske Marley Reddle Evy Sorrie Harmon Kinman Alejoa Halleybone	ctraske9k@thetimes.co.uk mreddle1h@rediff.com esorrieb@flavors.me hkinmanhl@joomla.org ahalleyboned4@purevolume.com	Male Male Female Male Female
5 rows in set	•		

Full backup 5:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupdia5.sql

Tiempo: 00:04:40

```
nysql> SELECT * FROM Practica2 LIMIT 5;
                             email
                                                     genero
                             jgrimwadcm@hibu.com
  177544
           Jorry Grimwad
                                                     Male
  738360
           Pavel Berks
                             pberksgj@icq.com
                                                     Male
                             msedgewortham@mtv.com
 1046450
           My Sedgeworth
                                                     Female
           Josee Gilbane
                             jgilbanehv@oakley.com
 1113999
                                                     Genderfluid
                           cmatonin7d@ebay.co.uk
 1168765
           Candace Matonin
                                                     Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;			
dpi	nombre	email	genero
999998685 999871185 999583594 999274321 999163885	Chrystal Traske Harriett Pettus Marley Reddle Evy Sorrie Harmon Kinman	ctraske9k@thetimes.co.uk hpettusdz@cafepress.com mreddle1h@rediff.com esorrieb@flavors.me hkinmanhl@joomla.org	Male Female Male Female Male
F	(0.00)		

Restauración Backups incrementales

backup 1:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia1.sqlTiempo: 01:06:39

```
mysql> SELECT * FROM Practica2 LIMIT 5;
                              email
 dpi
            nombre
                                                          genero
  3919413 | Kelley Ertelt
                            kertelt8n@psu.edu
                                                          Male
  5289478 | Jamesy Simmance | jsimmance6t@shinystat.com
                                                          Female
  8998802 | Nanette Kellett | nkellettew@bbc.co.uk
                                                          Female
                              dmcinneryje@boston.com
 10360257 | Des McInnery
                                                          Male
 12789061 | Hort Baggarley
                            hbaggarley9y@amazon.co.uk
                                                          Male
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;
                               email
 dpi
             nombre
                                                         genero
 995889458 | Eldredge Kaysor |
                               ekaysorii@tuttocitta.it
                                                         Female
                               cchaslefb@usda.gov
 995442940 | Cindee Chasle
                                                         Male
                               hdarlow5w@google.it
 994173287 | Heida Darlow
                                                         Male
 993360572 | Pearle Byne
                               pbyne81@slate.com
                                                         Female
 992872832 | Leilah Betz
                               lbetz6i@ucoz.ru
                                                         Male
 rows in set (0.00 sec)
```

backup 2:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia2.sql

Tiempo: 01:56:20

```
nysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
                               email
           nombre
                                                             genero
           My Sedgeworth
                               msedgewortham@mtv.com
 1046450
                                                             Female
 1168765
           Candace Matonin
                               cmatonin7d@ebay.co.uk
                                                             Female
                               fmellmern@github.io
kertelt8n@psu.edu
           Florella Mellmer
                                                             Male
 2641671
                                                             Male
 3919413
           Kelley Ertelt
 5289478 | Jamesy Simmance
                               jsimmance6t@shinystat.com
                                                             Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
email
                                                     genero
 dpi
           nombre
                            ctraske9k@thetimes.co.uk
 999998685
           Chrystal Traske
                                                     Male
 997651440
           Lydia Trinder
                            ltrinderdr@sogou.com
                                                     Female
                            phuertasf@cbslocal.com
           Parry Huertas
 997551883
                                                     Male
           Dayna Antonomolii
                            dantonomolii91@tinyurl.com
 996499363
                                                     Female
                            ekaysorii@tuttocitta.it
 995889458 | Eldredge Kaysor
                                                     Female
 rows in set (0.00 sec)
```

backup 3:

 $mysql-u\ root\ -p\ practica1 < C:\Users\luiss\One Drive\Escritorio\backup\backup\incremental dia 3.sql\\ Tiempo:\ 03:18:80$

```
mysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
          nombre
                             email
                                                     genero
           Pavel Berks
                             pberksgj@icq.com
  738360
                                                     Male
                             msedgewortham@mtv.com
 1046450
           My Sedgeworth
                                                     Female
          Candace Matonin | cmatonin7d@ebay.co.uk
 1168765
                                                     Female
 2641671
           Florella Mellmer
                             fmellmern@github.io
                                                     Male
 3919413 | Kelley Ertelt
                             kertelt8n@psu.edu
                                                     Male
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

mysql> SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5;			
dpi	nombre	email	genero
999998685 998866090 997924650 997859599 997651440	Chrystal Traske Alejoa Halleybone Ario Ranklin Tamara Fuggles Lydia Trinder	ctraske9k@thetimes.co.uk ahalleyboned4@purevolume.com aranklin4u@ucla.edu tfugglesdj@tonline.de ltrinderdr@sogou.com	Male Female Agender Polygender Female
5 rows in set			,

backup 4:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia4.sql Tiempo: 03:52:49

```
mysql> SELECT * FROM Practica2 LIMIT 5;
 dpi
                                email
           nombre
                                                             genero
  738360
           Pavel Berks
                                pberksgj@icq.com
                                                             Male
 1046450
           My Sedgeworth
                                msedgewortham@mtv.com
                                                             Female
           Candace Matonin
                                cmatonin7d@ebay.co.uk
 1168765
                                                             Female
           Orazio Bloodworthe
 1234975
                                obloodworthec7@erecht24.de
                                                             Female
         | Lemmie Strickler
                                lstricklere8@ustream.tv
 1371068
                                                             Female
 rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
FROM Practica2 ORDER BY dpi DESC LIMIT 5;
dpi
           nombre
                               email
                                                              genero
           Chrystal Traske
                               ctraske9k@thetimes.co.uk
999998685
                                                              Male
                               mreddle1h@rediff.com
999583594
           Marley Reddle
                                                              Male
999274321
           Evy Sorrie
                               esorrieb@flavors.me
                                                              Female
                               hkinmanhl@joomla.org
999163885
           Harmon Kinman
                                                              Male
           Alejoa Halleybone
                               ahalleyboned4@purevolume.com
998866090
                                                              Female
rows in set (0.00 sec)
```

backup 5:

mysql -u root -p practica1 < C:\Users\luiss\OneDrive\Escritorio\backup\backupincrementaldia5.sql Tiempo: 04:49:21

SELECT * FROM Practica2 LIMIT 5

```
dpi
                            email
          nombre
                                                      genero
                            jgrimwadcm@hibu.com
 177544
          Jorry Grimwad
                                                     Male
                             pberksgj@icq.com
 738360
          Pavel Berks
                                                     Male
                            msedgewortham@mtv.com
1046450
          My Sedgeworth
                                                     Female
          Josee Gilbane
                            jgilbanehv@oakley.com
                                                     Genderfluid
1113999
          Candace Matonin
                            cmatonin7d@ebay.co.uk
1168765
                                                     Female
rows in set (0.00 sec)
```

SELECT * FROM Practica2 ORDER BY dpi DESC LIMIT 5

```
* FROM Practica2 ORDER BY dpi DESC LIMIT 5;
nvsql> SELECT
 dpi
             nombre
                                email
                                                            genero
 999998685
             Chrystal Traske
                                ctraske9k@thetimes.co.uk
                                                            Male
             Harriett Pettus |
                                hpettusdz@cafepress.com
 999871185
                                                            Female
                                mreddle1h@rediff.com
 999583594
             Marley Reddle
                                                            Male
                                esorrieb@flavors.me
 999274321
             Evy Sorrie
                                                            Female
 999163885
             Harmon Kinman
                                hkinmanhl@joomla.org
                                                            Male
 rows in set (0.00 sec)
```

Análisis:

La recuperación de un backup completo aumentaba segundos cada 700 registros más.

La recuperación de un backup incremental aumentaba un minuto cada 700 registros más.

Conclusión:

Luego de obtener los resultados de la realización de backup incrementales y backups completos con distintas cantidades de información ingresadas en la base de datos se llega a la conclusión que para este caso en particular la mejor opción es la realización de backups completos dado a que la recuperación de datos es mucho mas rápida que la recuperación de datos con backups incrementales.