## Database Backup and Recovery

MySQL Backup and Recovery:

*1. Full database backup*

mysqldump -u username -p --databases dbname > full\_backup.sql

*2. Backup specific tables*

mysqldump -u username -p dbname table1 table2 > tables\_backup.sql

*3. Compressed backup*

mysqldump -u username -p dbname | gzip > backup\_$(date +%Y%m%d).sql.gz

*4. Restore from backup*

mysql -u username -p dbname < full\_backup.sql

*5. Point-in-time recovery (if binary logging is enabled)*

mysqlbinlog /var/log/mysql/mysql-bin.000123 | mysql -u username -p

PostgreSQL Backup and Recovery:

*1. Full database backup*

pg\_dump -U postgres -F c -f backup.dump dbname

*2. Backup in plain SQL format*

pg\_dump -U postgres -f backup.sql dbname

*3. Restore database*

pg\_restore -U postgres -d dbname backup.dump

*4. For plain SQL backup*

psql -U postgres -d dbname -f backup.sql