**PostgreSQL - Database Backup & Restore using command**

- How to take backup and restore a database using command.

**1. To backup a database you can use pg\_dump.exe:**

1. Open Command Prompt
2. Go to the PostgresQL bin folder. For example:

cd "C:\Program Files\PostgreSQL\13\bin"

1. Enter the command to dump your database. For example:

**Syntax** : pg\_dump.exe -U <database\_user\_name> -d <database\_name> -f D:\Backup\<backup-file-name>.sql

**Example:** pg\_dump.exe -U postgres -d book\_test -f D:\Backup\book\_test15042022.sql

1. Type password for your postgres user

**2. To restore a database you can use psql.exe:**

1. Open Command Prompt
2. Go to the PostgresQL bin folder. For example:

cd "C:\Program Files\PostgreSQL\13\bin"

1. Enter the command to restore your database. For example:

**Syntax** : psql.exe -U <database\_user\_name> -d <database\_new\_name> -f D:\Backup\<backup-file-name>.sql

**Example:** psql.exe -U postgres -d book\_test\_15042022 -f D:\Backup\book\_test15042022.sql

**Example 2 :** psql.exe -U Rocket -d RocketDev -f D:\Backup\RocketDev\_22122022.sql

1. Type password for your postgres user

**3. For More Detail Ref following Link:**

<https://stackoverflow.com/questions/28048412/how-to-backup-restore-postgresql-database-in-windows7>

[**https://www.postgresqltutorial.com/postgresql-administration/postgresql-backup-database/**](https://www.postgresqltutorial.com/postgresql-administration/postgresql-backup-database/)

[**https://www.postgresqltutorial.com/postgresql-administration/postgresql-restore-database/**](https://www.postgresqltutorial.com/postgresql-administration/postgresql-restore-database/)