**Interview Q&A Prep**

1. **What is RBAC?** → A security model that restricts access based on roles instead of individual users. It stands for **Role Based Access Control**.
2. **How do you create roles in SQL?** → Using **CREATE ROLE** command.
3. **Difference between GRANT & REVOKE?** → GRANT gives privileges, REVOKE removes them.
4. **Benefits of roles?** → Simplifies management, avoids duplication, improves security.
5. **Restrict SELECT access?** → Don’t grant SELECT privilege to the role/user.
6. **Allow update but not delete?** → GRANT UPDATE only, then REVOKE DELETE.
7. **Users vs Roles?** → Users are real accounts, roles are collections of permissions.
8. **Can roles be nested?** → Yes (PostgreSQL supports role inheritance).
9. **How does access control improve security?** → Prevents unauthorized access, reduces risk.
10. **Downsides of not using roles?** → Hard to manage permissions, higher chance of mistakes.