Task 1: Figure out what security precautions are already used in your 'dvd\_rental' database.

**Authentication:**

A screenshot of a computer

AI-generated content may be incorrect.

As we can see from the pg\_hba.conf file, scram-sha-256 authentication protocol is in place for all connection types and users.

**In-transit security:**

A screen shot of a video player

AI-generated content may be incorrect.

As we can see, SSL encryption is off, which leaves in-transit data vulnerable for possible data theft.

**Roles:**

A screenshot of a computer

AI-generated content may be incorrect.

There are already several roles in place for the database, with postgres being the only superuser. None of the other roles have DB creation, role creation, replication or RLS bypassing priviliges.

**Priviliges:**

When checking priviliges, we see that PUBLIC only has SELECT priviliges on tables and schemas, and postgres (being a superuser) has unrestricted access to the entire database .