

## 1. Requirements

- 1.1. Minimum 2GB free RAM.
- 1.2. 10GB of empty space on Hard Disk Drive.
- 1.3. A processor based on either Intel EM64T or AMD64 architecture.
- 1.4. Display card with minimum resolution of 1024x768 pixels.

## 2. Oracle Database 19c

[https://www.youtube.com/watch?v=KDu\\_VF9xaGk](https://www.youtube.com/watch?v=KDu_VF9xaGk)

### 2.1. Download

<https://www.oracle.com/database/technologies/oracle-database-software-downloads.html#19c>

- 2.1.1. Microsoft Windows x64 (64-bit), click on the ZIP file
- 2.1.2. Accept the Oracle License Agreement.
- 2.1.3. Sign in.

### 2.2. Create an Oracle19c folder on C drive.

- 2.2.1. Cut and paste the downloaded ZIP file into this directory.
- 2.2.2. Extract ZIP file here.
- 2.2.3. Rename the extracted folder to db\_home.

### 2.3. Create another Windows user.

- 2.3.1. Control Panel/ User Accounts/ User Accounts/ Manage another account/ Add a new user in PC settings/ Add someone else to this PC
- 2.3.2. Log in with this newly created user.

### 2.4. Installation

- 2.4.1. Run setup.exe as Administrator.
- 2.4.2. Select Configuration Option
  - 2.4.2.1. Create and configure a single instance database, Next
- 2.4.3. System Class
  - 2.4.3.1. Desktop class, Next
- 2.4.4. Oracle Home User
  - 2.4.4.1. Use Existing Windows User (username: user, password: password), Next
- 2.4.5. Typical Installation
  - 2.4.5.1. Oracle base: C:\OracleBase19c
  - 2.4.5.2. Global database name: orcl
  - 2.4.5.3. Password: password
  - 2.4.5.4. Pluggable database name: orclpdb
- 2.4.6. Summary:
  - 2.4.6.1. Install
- 2.4.7. Finish

### 2.5. Open SQL Plus

- 2.5.1. Enter user-name:  
'/' as sysdba
- 2.5.2. Create Oracle Common User. Common user names begin with „C##“. Grant some privileges.  
SQL> create user c##user identified by password;  
SQL> grant unlimited tablespace to c##user;  
SQL> grant resource,connect,dba to c##user;

### **3. Oracle SQL Developer**

#### **3.1. Download**

<https://www.oracle.com/tools/downloads/sqldev-downloads.html>

- 3.1.1. Windows 64-bit with JDK 8 included
- 3.1.2. Accept the Oracle License Agreement.
- 3.1.3. Sign in.

#### **3.2. Extract ZIP file into Downloads folder.**

#### **3.3. Cut and paste the sqldeveloper folder into Program Files.**

#### **3.4. Open sqldeveloper folder**

#### **3.5. Create a shortcut for sqldeveloper on the Desktop.**

#### **3.6. Click on the shortcut.**

#### **3.7. Create connection**

- 3.7.1. Click on the green plus button
- 3.7.2. Name: Oracle19c\_commonuser
- 3.7.3. Username: c##user
- 3.7.4. Password: password
- 3.7.5. SID: orcl
- 3.7.6. Test
- 3.7.7. Connect

#### **3.8. Import a new table:**

- 3.8.1. Click on Oracle19c\_commonuser.
- 3.8.2. Right click on Tables, import data.

### **4. Oracle Data Miner**

#### **4.1. Configuration**

<https://www.youtube.com/watch?v=tZCaQJsNVsS>

#### **4.2. Usage**

<https://www.youtube.com/playlist?list=PL99-DcFspRUq8VbbgXe2lQ559VDr7BSCr>