✕ Lessons

For this course, you have only one choice for database management software, Oracle. Since some learners have experienced installation difficulties, I encourage you to install database management software this week (when you do not have any assignment).

For Oracle, I suggest that learners with a 64 bit operating system should at least consider to install the Oracle Database Virtual Box Appliance. For Mac users, the database appliance is the only option. The database appliance web page indicates that you must first install the Oracle Virtual Box before the database appliance. The database appliance includes the Oracle 12c server, a preconfigured database, and the Oracle SQL Developer. Windows and Linux users can skip the rest of the installation pages in this lesson if the appliance installation is successful. The SQL Developer provides a predefined connection to a local database so you do not need to create your own connection and users. This installation guide provides detailed instructions for the Oracle Virtual Database Appliance.

> OracleDatabaseApplianceInstallation.docx

If you cannot get the appliance to work or if your performance is too slow, you can try options listed on the other pages in this lesson. The only negative comment about the database appliance is the need for lots of RAM (4GB+) and processors, especially if running the database appliance with other software.

For Windows and Linux/Unix users, you can use Oracle 12c (standard edition) or Oracle 11.2 (all versions including the express edition) for all courses in the specialization. For 32 bit Windows users, Oracle 11.2 is your only option. Oracle has not yet released the express edition for 12c.

Oracle Express Edition 11.2

Oracle Standard Edition 12c

Oracle installation and configuration can be confusing to beginners because Oracle is an enterprise DBMS. There are lots of configuration choices and details so that large enterprises can use Oracle for major systems. You need to install and configure and Oracle server product such as Oracle 12c standard edition and a client such as the Oracle SQL Developer. Note that Oracle only has 64 bit Windows versions for Oracle 12 server. After installing the server and client software and configuring Oracle, you need to setup a connection from the client to the server. The last step is poorly documented on Oracle websites and instructional videos so a document is provided in this lesson to help you.

Mark as completed