1. Install docker from this link: <https://docs.docker.com/install/>
2. Pull the SQL Server 2017 Linux container image from Microsoft Container Registry

docker pull mcr.microsoft.com/mssql/server:2017-latest

1. To run the container with docker, use the below command

docker run -e "ACCEPT\_EULA=Y" -e "SA\_PASSWORD=<your\_password>" -p 1433:1433 --name sql1 -d mcr.microsoft.com/mssql/server:2017-latest

1. To view docker container, use the below command

docker ps -a

1. To connect to SQL server, use the below command

docker exec -it sql1 "bash"

1. Connect locally with sqlcmd

/opt/mssql-tools/bin/sqlcmd -S localhost -U SA -P "<your\_password>"

1. To start the container if it is exited

docker start container\_id