# Azure SQL Mastery

## *Docker Checklist*

## Download Docker Desktop

1. https://www.docker.com/products/docker-desktop

## Install SQL Server in Docker Container

1. **Open Windows PowerShell with Run as Administrator**
2. **Pull SQL Server Image**

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

3. **Install SQL Server**

   docker run -e 'ACCEPT_EULA=Y' -e 'SA_PASSWORD=test@123' -e 'MSSQL_PID=Express' -p '1401:1433' --name 'sqltest' -d mcr.microsoft.com/mssql/server:2017-latest

## Create Test Database

1. Create Database Test

## Download AdventureWork Sample Database

1. https://github.com/Microsoft/sql-server-samples/releases/tag/adventureworks

# Restore the Database

1. USE SSMS

   https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15

2. USE sqlcmd

# Docker useful commands

1. docker images – list of all images

2. docker ps– list of all active containers

3. docker ps -a – list of all containers including stop containers

4. docker rmi – remove images.

5. docker start – to start the container

6. docker stop – to stop the container

7. docker rm- to remove container

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