1. Redis in Machine Learning:
   a. Pipeline: Data Source (AWS) -> Transformations (Apache Spark) -> Inference Store (Stored on Redis) + Training Store (Stored on AWS)
      i. Question: Why would you add complexity by adding the inference store on Redis?
      ii. Answer: For latency issues: accessing a key from Redis is much faster than running a SELECT statement. Redis is stored on disk which is faster than accessing from RAM.
2. Port mapping a:b
   a. A = host port on the physical machine
   b. B = port inside the container
   c. Maximum port number = 65535
   d. At the operating system level, http maps to port 80, https maps to port 443, ssh maps to port 22, ftp maps to 21
   e. Range of ports reserved for system services: 0 - 102