# Session workbook: Architecture

## Quiz 1

1. **Kubernetes and docker are like \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **Use the word “pod” in a sentence (that makes sense and is related to Kubernetes)**
3. **Which communication component of Kubernetes rhymes with “sleeve”?**
4. **What is gluster?**
5. **How do you pronounce nginx? Bonus: what is nginx?**

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## Quiz 2

**A data scientist, a business analyst, and a person who’s been called a “clicker” walk into the Hilton Executive Lounge, start their laptops, and open the same Watson Studio Project.**

**Question 1: How many pods will start in WSL environment?**

**The person called a “clicker” has been secretly taking Python and R classes. She creates her own project.**

**Question 2: What’s the total number of pods that “the clicker” has created?**

**Question 3: Why do we care about how many pods are created?**

## Quiz 3

**Question 1: WSL admin wants to make sure that only approved libraries are used for batch scoring of Python notebooks. Should they modify an environment or create an image?**

**Question 2: An operations research analyst wants to make sure that the DO model building environment gets at least 4 processor cores and 8GB memory. Should they modify an environment or create an image?**

**Question 3: A data scientist wants to make sure that his RStudio environment runs on GPUs. How can he make sure that it happens?**