**VMSS:** Virtual Machine Scale Sets

**Scale set:** Group of identically configured VMs (represents option to horizontally scale in Azure)

* Need to create to manage multiple VMs
* High availability and app resiliency
  + Eg. We have 2 VMs for frontend, but Black Friday is coming up, we know there’s gonna be a spike in incoming traffic: schedule an automatic deployment to scale horizontally (then scale back down after)
* Need for large scale (eg. 1000 VMs)
* Need for IaaS autoscale
  + Metric based autoscale threshold