EC21 Instance Types – Overview

* You can use different types of EC2 instances that are optimised for different use cases
* AWS has the following naming convention
* M5.2xlarge
  + M: the instance class
  + 5: the generation of the ec2 instance ( AWS improves them over time
  + 2xlarge: size within the instance class ( more memory and hard drive)

EC2 InstanceTypes: – General Purpose

* Great for a diversity of workloads such as web servers or code repositories
* Balance between
  + Compute
  + Memory
  + Network

EC2 Instance Types – Compute Optimized

* Great for compute-intensive tasks that require high performance processors
  + Batch processing workloads
  + Media transcoding
  + High Performance web servers
  + High performance computing
  + Scientific modeling & machine learning
  + Dedicated gaming servers