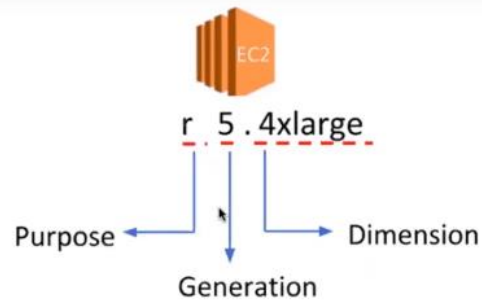


## ▶ EC2 Instances

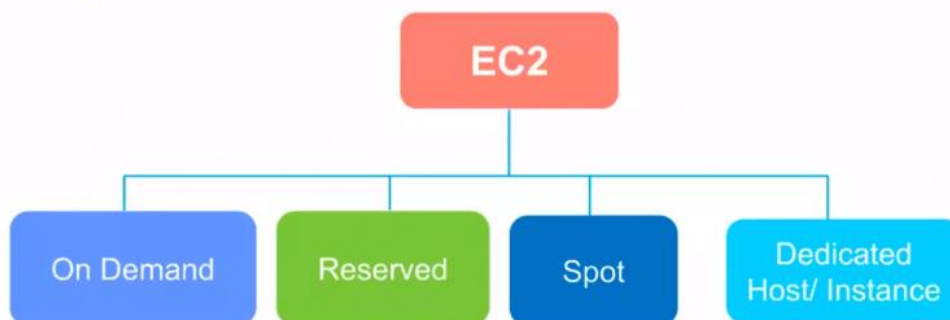
### Instance Coding



- **R** refers to its **purpose**. It means this EC2 is Memory Optimized instance.
- **5** refers to instance **generation**. For example, the last generation of the r-family is 5.
- **4xlarge** refers to **dimension** of instance. AWS has built servers of various sizes to suit every need in instance families. For example, the r5-family has 8 different sizes starting from large to 24xlarge.
- Not all models have instances in every generation and size.

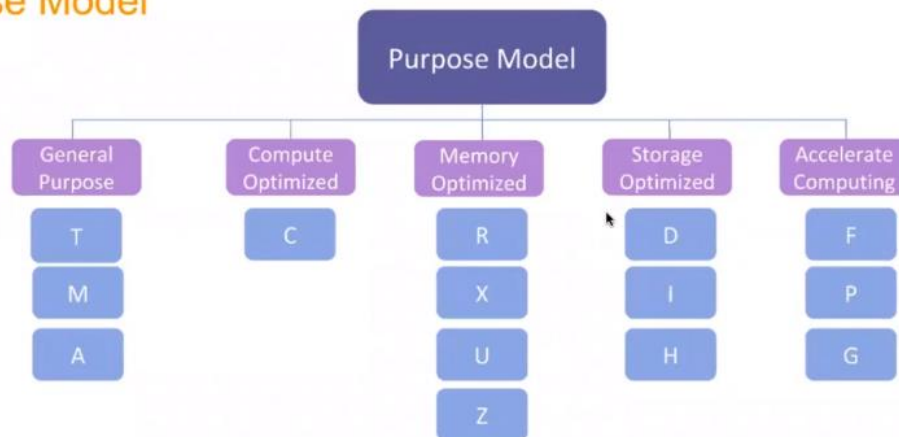
## ▶ EC2 Instances

### Pricing Model of Instances



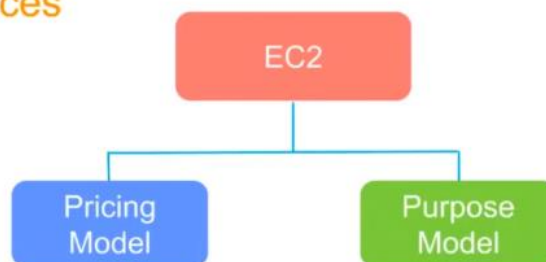
When we look at the pricing perspective, AWS offers 4 different types of instance.

## EC2 Instances Purpose Model



AWS offers 14 different types of virtual machines in 5 categories

## EC2 Instances Types of Instances



- Instance types are grouped into a variety of families based on target application profiles and pricing options. It is possible to categorize EC2 types under **two main perspective** :
- These are **Pricing Model** and **Purpose Model**.