**OBSERVABILITY:**

Ability to see inside the system

**3 pillars:**

**LOGS:**

* record of events / transactions within a system
* When something happened & what exactly happened

**METRICS:**

* measurements that offers a snapshot of a system performance over time
* Response time,error rate, resource utilization

**ATTRIBUTES:** Type & Help

**Help ->** description of what metrics is  
**Type->**

1. Counter -> how many times happened
2. Gauge -> what is the value of x now?
3. Histogram -> How long / how big

**TRACES:**

* Track the flow of requests through various services & components of a system