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**Roll No: PIAIC-71822**

**Q1. Differentiate between vertical scaling and horizontal scaling. (At least 4 points).**

**Vertical Scaling:**

* Adding more resources to the existing machine such as CPU, RAM, MEMORY and more
* Processing is on single machine
* Low Availability
* Refers as scaling up

**Horizontal Scaling:**

* Adding more machines to your pool of resources
* Processing is on multiple machines
* High Availability
* Referred as scaling out