Hello everyone,

Today, let us discuss about the **Unsupervised Machine Learning Algorithm**.

What is Unsupervised ML Approach or Algorithm: Here we wont find any target variable.

Here we need to cluster or group the data of same categories.

Example: If our dataset is belonging to **Education**.,

* All Undergraduates are comes in one cluster,
* All graduates are comes under another cluster ,

Let us take one more example as **Exit polls,** something like survery**.**

* Certain percentage of people supporting **abc-party**
* Some percentage of people supporting **xyz-party** etc.

We can take the example of images also, some images are dogs, some are cats, some are another animals like this.

**Exercise:** Can you please think of some more examples and share in the chat if possible?

**Types of Unsupervised or clustering algorithms:**

* **K-Mean Clustering**
* **DB Scan Clustering**
* **Hierarchical Clustering**

Based on our problem statement we can use any of those algorithms.