*Gradient Descent*

**(Ankit Refer Notebook for Better Understanding )**

Gradient Descent is the first Order iterative optimization Algorithm for finding a local Minimum of a differentiatiable function.

***It is an Optimization Algorithm***

**Gradient Descent Minima nikal ke dedeta hai**

**Use: Linear,Logistic,**

**Deep Learning ka BackBone hai**

**Types of Gradient Descent**

1. **Batch Gradient Descent**
2. **Stochastic Gradient Descent 🡪 SGDRegressor**
3. **Mini-Batch Gradient Descent**

*Intuition*