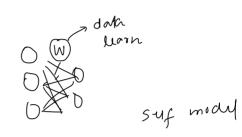
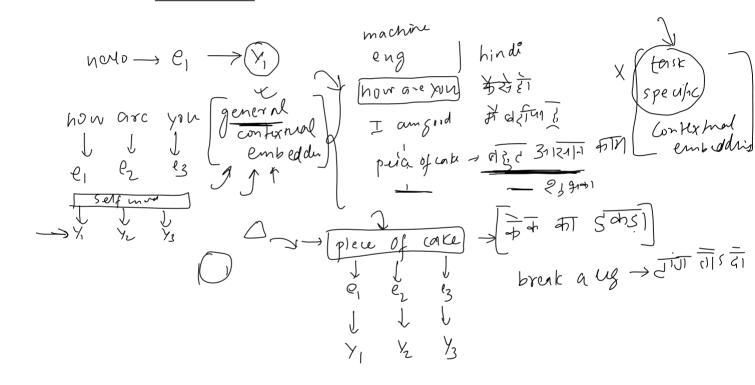
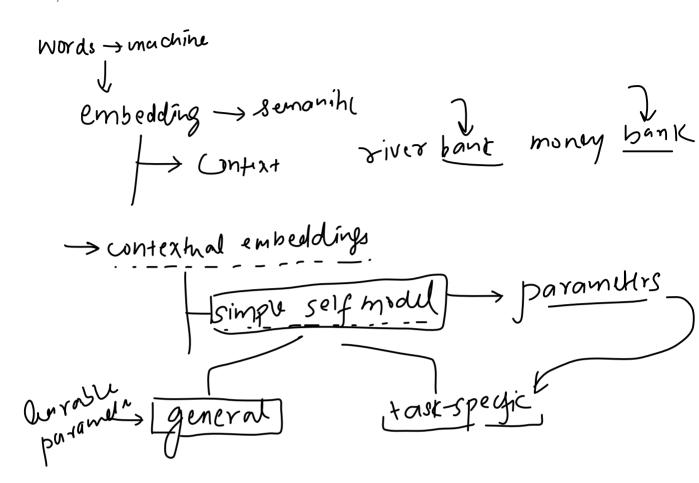


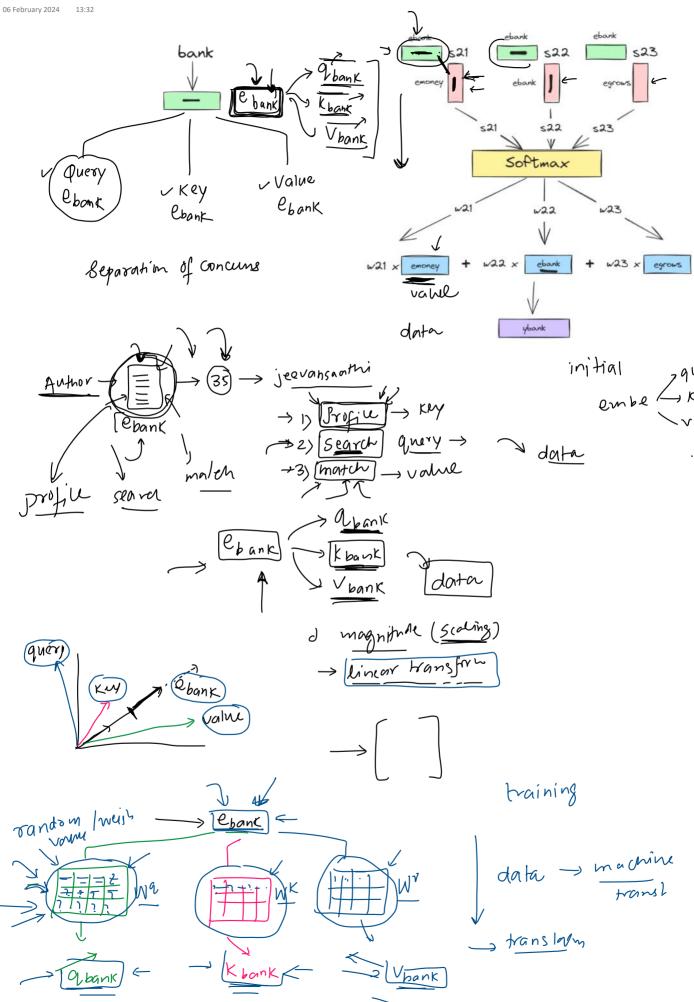
## Points to consider

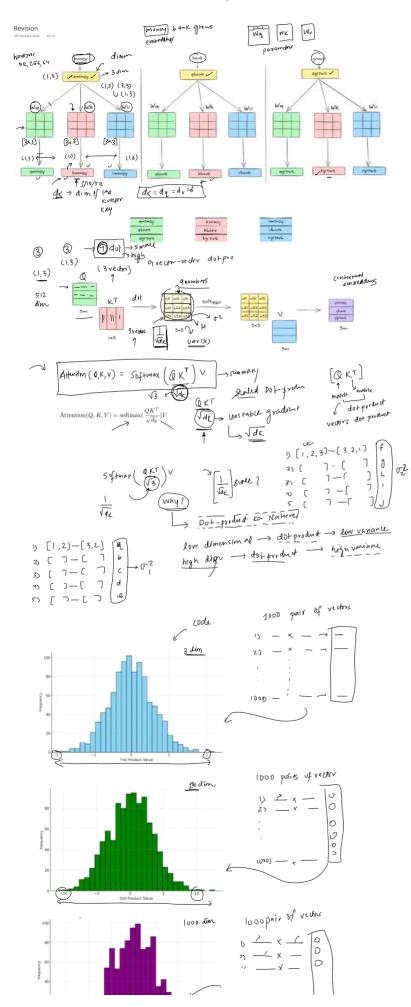
- -> This operation is a garallel operation
- -> There are no parameters involved

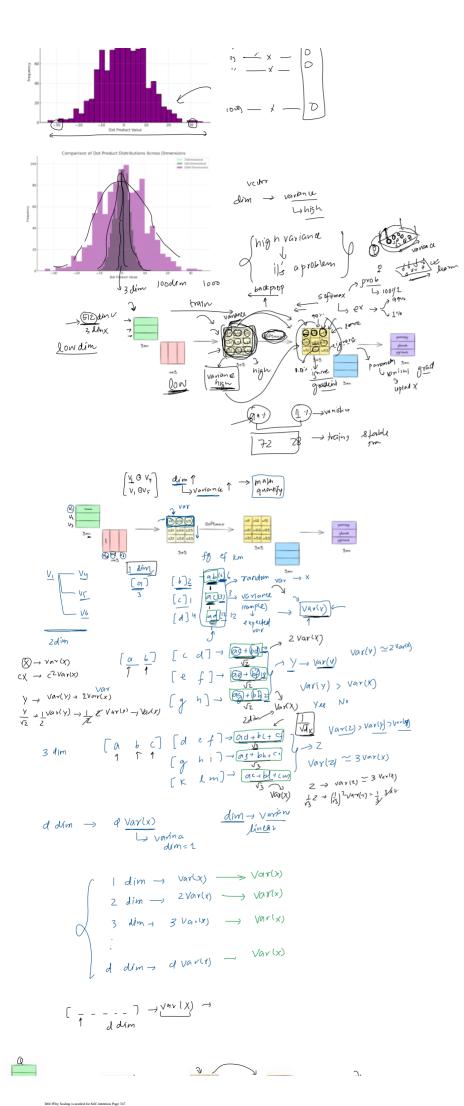










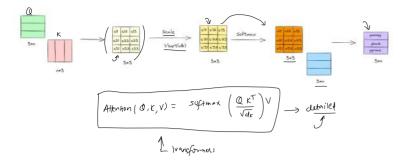


cach c

$$\left\{ \begin{array}{l} \lambda \longrightarrow_{c} \lambda \\ \lambda \longrightarrow_{c} \lambda \\ \lambda \longrightarrow_{c} \lambda \end{array} \right\}$$

If you have a random variable X with a variance of Var(X), and you create a new variable Y by scaling X with a constant c, so that Y = cX, the variance of Y(Var(Y)) is related to the variance of X by the square of the scaling factor c. Mathematically, this relationship is expresse as:

 $Var(Y) = c^2 Var(X)$ 

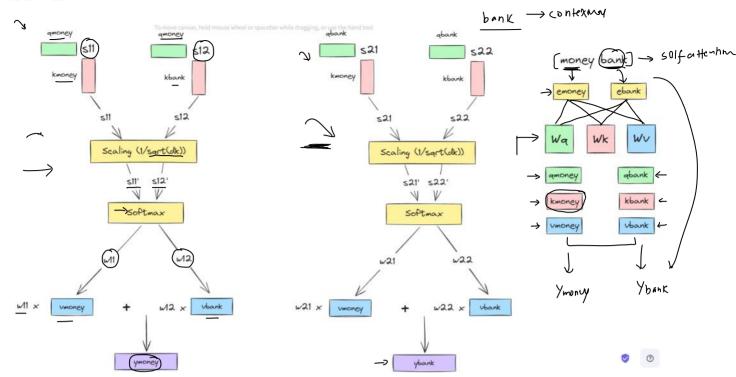


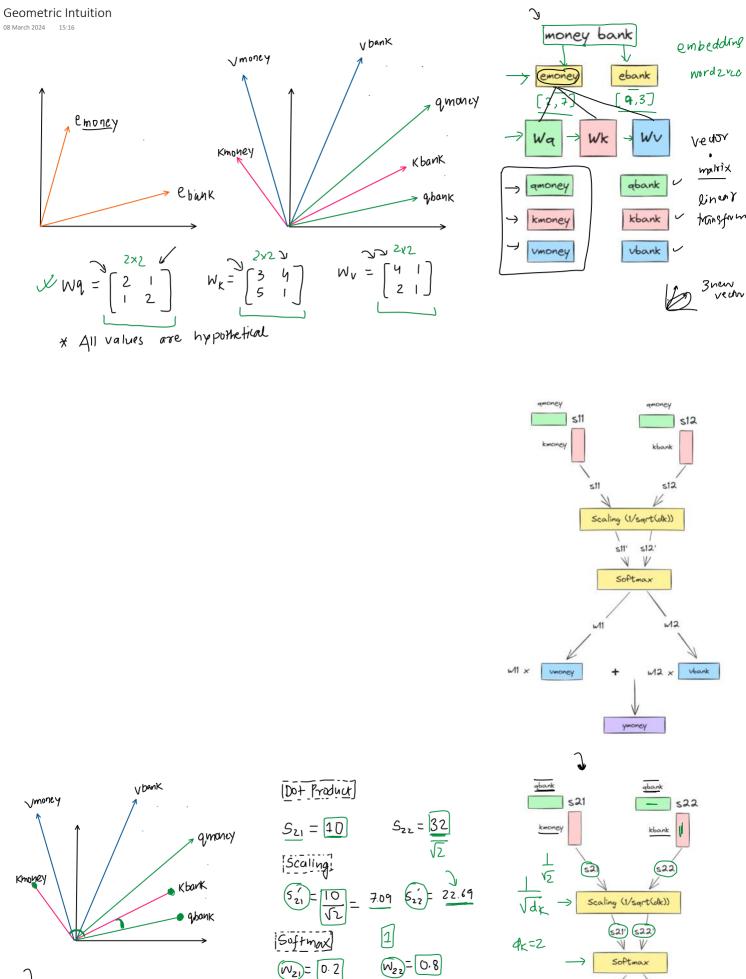
## What is $d_k$

28 February 2024

L6:59

Recep 08 March 2024 15:14





Vbank

scaling

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V D<u>an</u>K

