

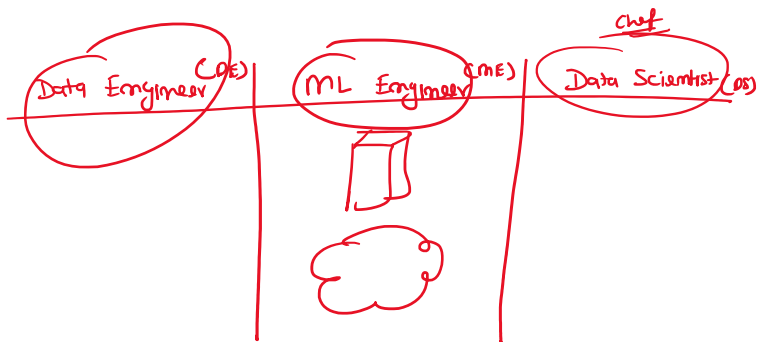




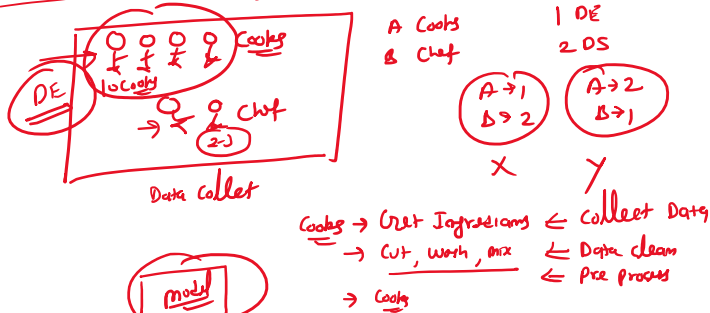


$(1, 2, (5, 7, 9)) \leftarrow \text{Tuple}$   
 $[\text{"apple"}, \text{"orange"}, \text{" "}] \leftarrow \text{List}$   
 $\{\text{"key": \text{"value"}, \text{"name": \text{"value"}}, \text{"value"}\} \leftarrow \text{Dictionary}$

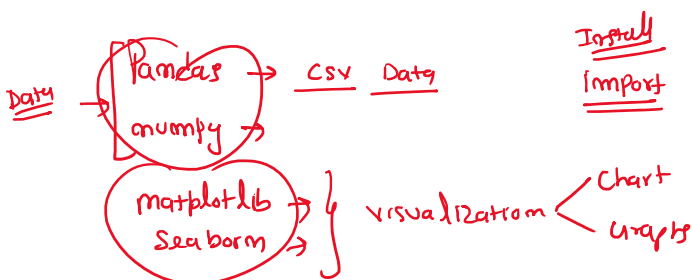
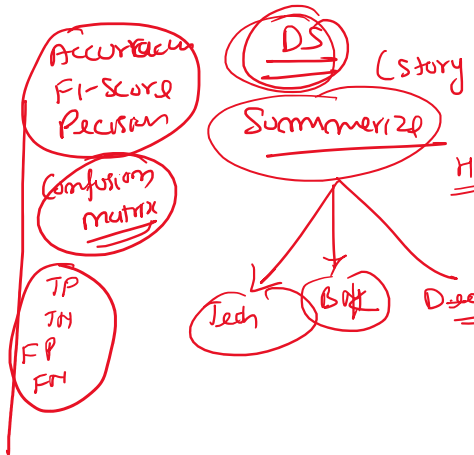
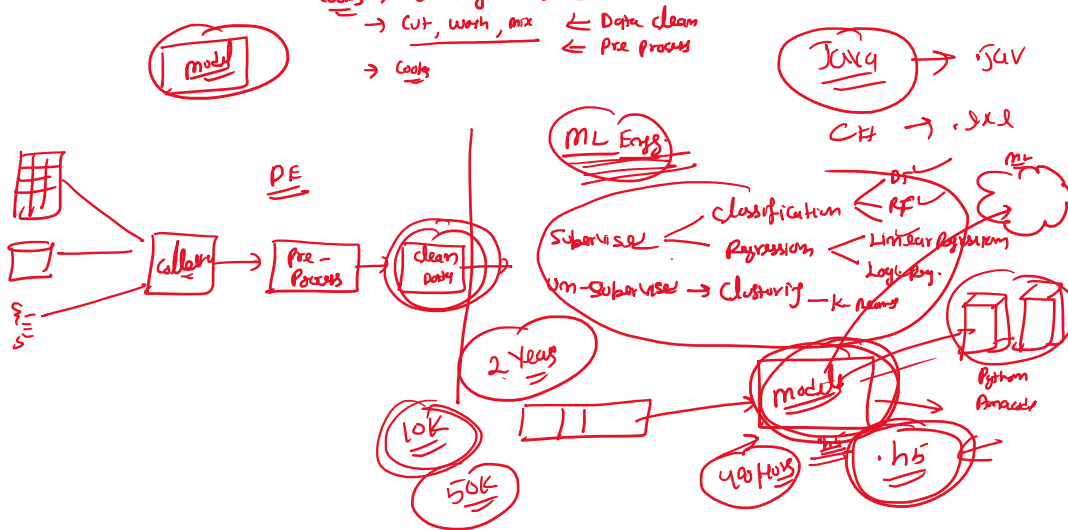
$2 \overline{) 7} \quad 7 \div 2$   
 $\rightarrow 1$



Data Kitchen Big Restaurant



Cooks  $\rightarrow$  Get Ingredients  $\leftarrow$  collect Data  
 $\rightarrow$  Cut, Wash, mix  $\leftarrow$  Data clean  
 $\rightarrow$  Cooking  $\leftarrow$  Pre process



telling)

=

son

=

$$\begin{matrix} 2 \times 3 \\ m \times n \\ \hline \text{col} \end{matrix}$$

$$\begin{matrix} 3 \times 2 \\ m \times k \\ \text{Row} \end{matrix} = \begin{matrix} m \times k \\ \hline \hline 2 \times 2 \end{matrix}$$

- 1- Linear Regression
- 2- multiple
- 3- Decision Tree
- 4- RF

