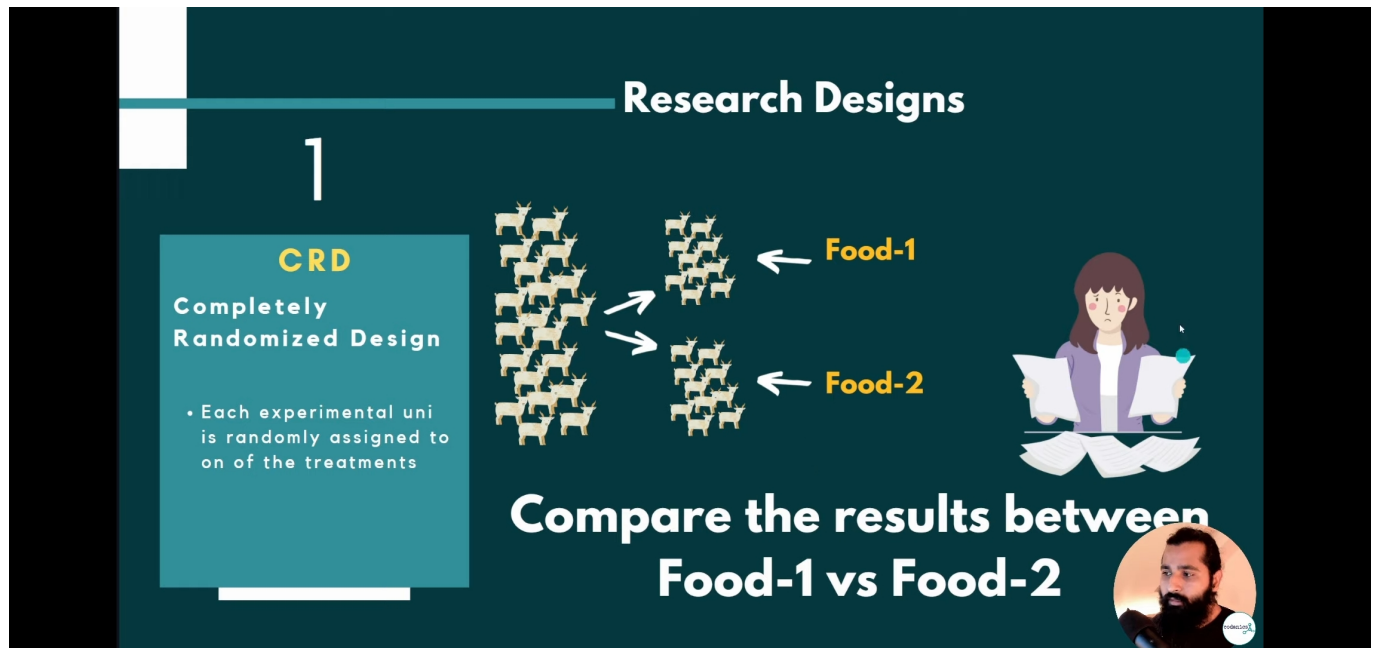


CRD RCBD LSD

CRD

Completely randomized design

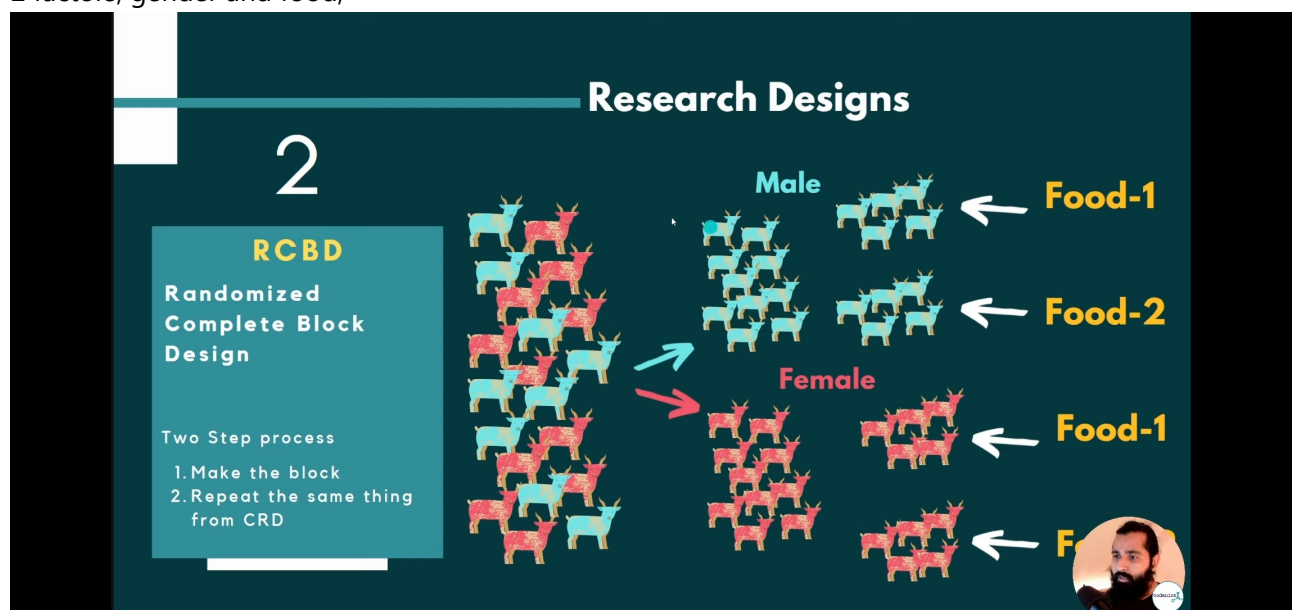
- radomly divided or choosed and for our research design . and we will compare food 1 and food 2.



RCBD

Randomized complete block deisgn

- 2 STEP PROCESS , make a block and then apply CRD
- i.e male and female seperated for test
- 2 factors, gender and food,



LSD

Latin Square Design

- rows = columns
- similar to square
- each experimental unit will get all treatrments in square style

3

LSD

Latin Square Design

- Similar to Sqaure
- Rows = Columns
 - 3x3
 - 4x4
 - 2x2
- Each experimental unit will get all treatments but in square style

Research Designs

	Week-1	Week-2	Week-3
Goat-1	Food-1	Food-2	Food-3
Goat-2	Food-3	Food-1	Food-2
Goat-3	Food-2	Food-3	Food-1

←

←

←

Food-1
Food-3
Food-2

Food-2
Food-1
Food-3

Food-3
Food-2
Food-1

- No repetition of treatments in ROWs or Columns
- Useful when you have less resources