



DILR

Basics of LR Based DI

L3



By Amit Surana Sir



QUICK Recap

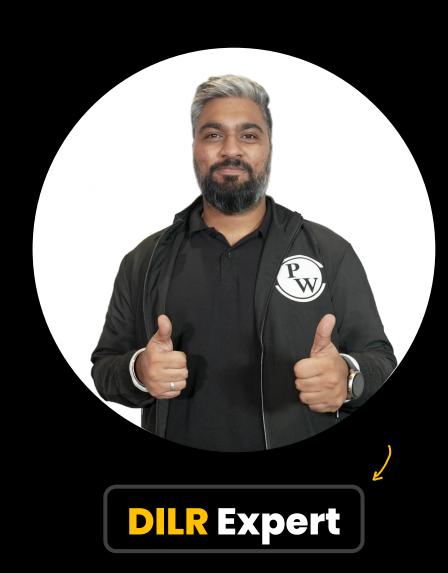
Basics of DI



PCS to be covered

Basics of LR Based DI





AMIT SURANA

- 10+ Years of Experience
- Aeronautical Engineer
- Nurtured many 99+ %ile achievers
- Mentored for CAT, GMAT, GRE & OMETs



LR Based DI

- Venn Diagrams (1)
 Missing Data

Venn Diagrams

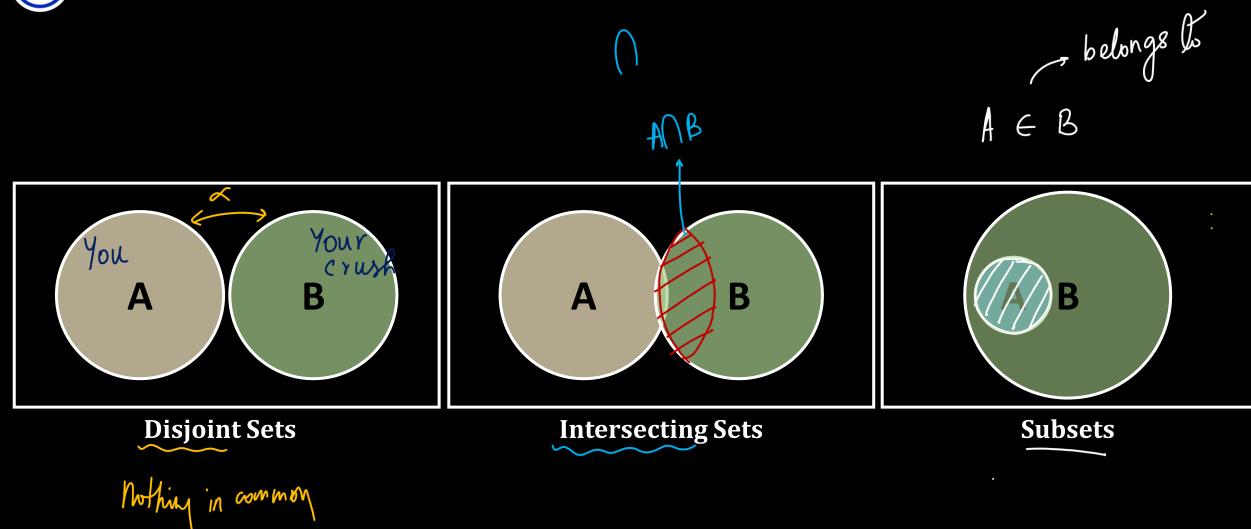


- 1. 2 Set VD
- 2. 3 Set VD
- 3. 4 Set VD
- 4. Distribution Based
- 5. Optimization Based

```
max/min (worst)
```

Understanding Venn Diagrams

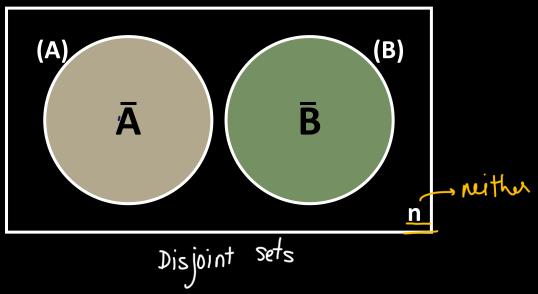






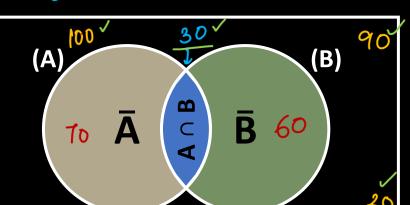












A inclusive
$$(A) = \overline{A} + A \cap B \rightarrow \overline{A} = (A) - + \cap B \qquad \overline{A} = 100$$

$$(B) = \overline{B} + A \cap B$$

Total
$$(u) = \overline{A} + \overline{B} + A \cap B + n$$

$$= 70 + 60 + 30 + 20$$

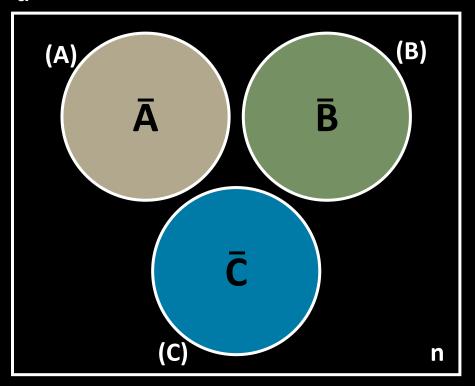
$$\frac{A \cup B = (\overline{A}) + \overline{B} + A \cap B}{I}$$





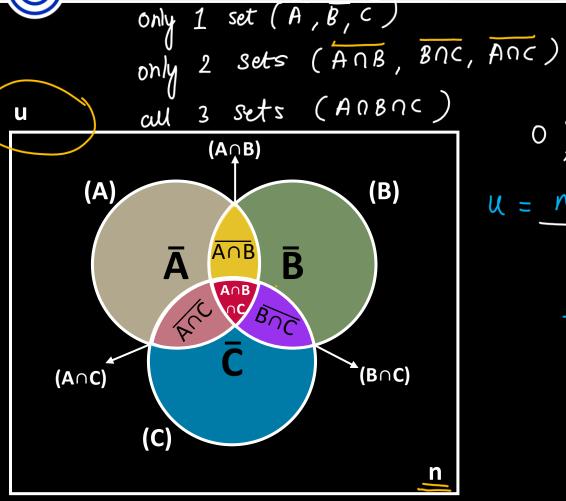
disjoint-sets No prolume

u









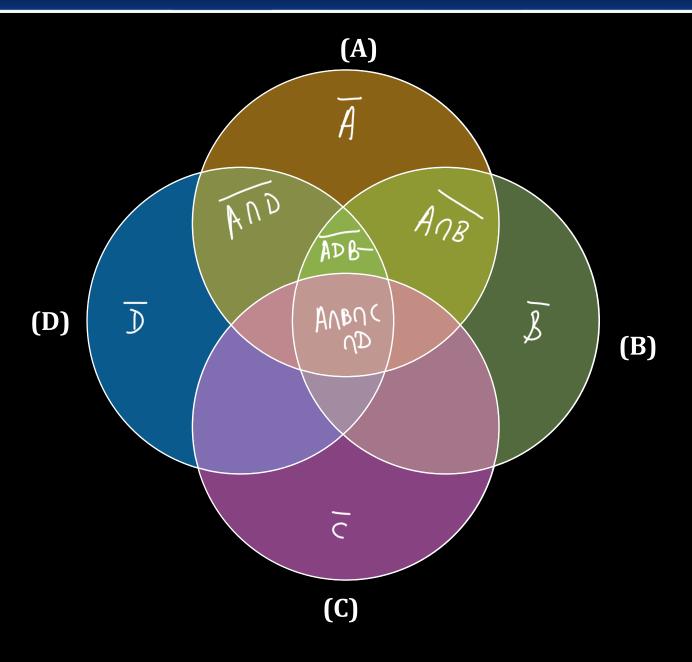
Anc)
$$(AnB) = (AnB) + AnBnc$$

$$(Bnc) = Bnc + AnBnc$$

$$(Anc) = Anc + AnBnc$$

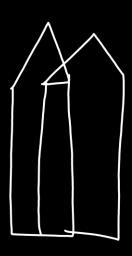
$$(AnB) = (AnB) + A$$

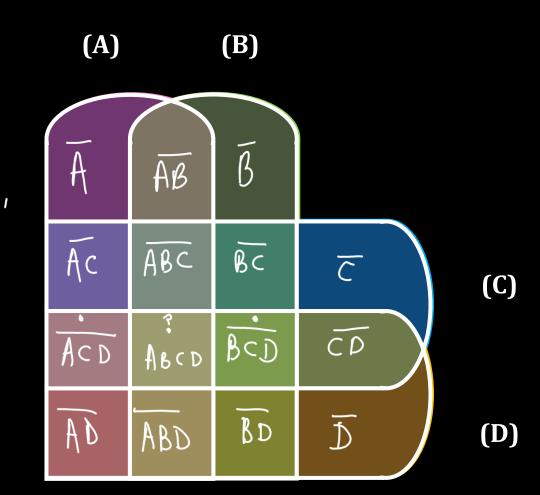








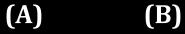


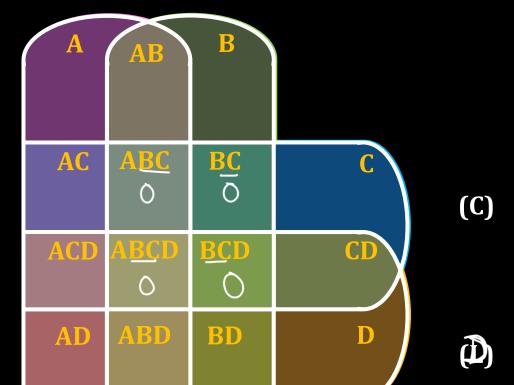


$$\beta = 2 \rightarrow \overline{AB} + \overline{AC} + \overline{AD} + \overline{CD}$$

All 4 - ABCD











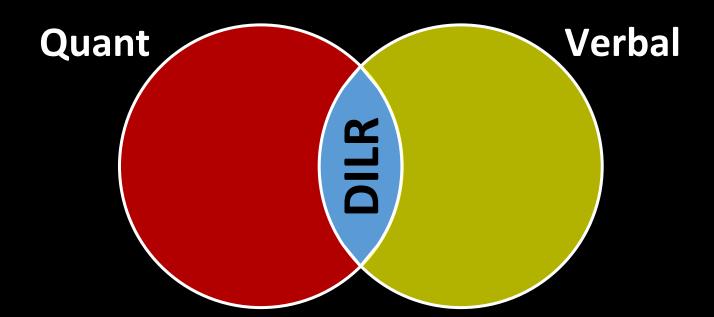
fill logic + clues

Teams	Wins	Losses	Draws	Points
Α	_	0	-	8
В	_	2	-	6
С	-	2	-	5
D	_	1	-	5
E	_	1	-	_
F	u	-	•	-

Things To Remember



- 1. Read the instructions, clues & conditions thoroughly to avoid silly mistakes.
- 2. Make a habit of writing down important & relevant information.
- 3. HIDE the questions immediately after reading the instructions.
- 4. Never judge a set by its size/looks.



Things To Follow In Class



- 1. BE PATIENT!
- 2. Accuracy > Time
- 3. No "repeat".
- 4. Don't ask "Kya yeh CAT Level set hai? Kya CAT aisa set puchega? Important topics kya hai?"
- 5. Solve along with me.
- 6. Solve by yourself again after class.
- 7. Solve DPPs.
- 8. Practice is most important!



Basics of DI

- · Today's DPP
- · Foundation videos «nyT (venn Diagrams)

Tom evening on YT.

MBA wallah



