| robabilidad                           | (AI) Unal         | Deep Learning.                             | 1-Sep-2020                    |
|---------------------------------------|-------------------|--|-------------------------------|
| P(azul) = 5                           | ., P(par Nazu     | 1)= 3                                      |                               |
|                                       |                   |  |                               |
| P(blue) = 5/2                         | o P(red)= 7/      | 20   |                               |
|                                       |                   |  |                               |
|                                       | + P(b) - P(Anb)   |  |                               |
| -> P(blue U pair)                     | : 5/20 + 10/20 -  | 3/20 = 12                                  |                               |
| Prob Condicióno                       | 1 0 1             | 7 10 Par                                   | 45                            |
| 1 100 CONDICTOR                       | yos tipos         | s de eventos $\longrightarrow$ 5 Aau       | (143                          |
| A - 5                                 | 5,7,8,16,10}      | P ( Par   Azul) = 3/5                      |                               |
| 1171                                  | 0,1,0,10,10(      | 1 (101   1801   - 0/5                      |                               |
| P ( Azul   Imp                        | (1) = 2/10.       |  |                               |
| , , , , , , , , , , , , , , , , , , , |                   |  |                               |
| P(par   Azul'                         | = Prob ( Par   A; | eul) _ 3/20 _ 3_                           |                               |
|                                       | Prob (azul        | $\frac{3}{1} = \frac{3}{20} = \frac{3}{5}$ |                               |
|                                       |                   |  |                               |
|                                       |                   |  |                               |
| Si Ay B.                              | on dos eventos    | del espació muestral                       |                               |
|                                       |                   |  | •                             |
| P(AIB)                                | = P(AnB)          | / P( b)                                    |                               |
|                                       | •                 |  |                               |
| Independencia:                        |                   | 0( ) 0( )                                  |                               |
|                                       | Prob (ANB) =      | P(A) P(B)                                  |                               |
|                                       | 0 ) ( ) ( )       |  |                               |
| he end to                             | ma: Trob (A B)    | - P(A) Pero d Como?                        |                               |
| Ī                                     |                   |  |                               |
| E: 0.1.                               | on 0000 d. c      | 5 con in annual 1 7 36                     | osibilidades (Dado Rojo y As  |
| LJ: 9 daos                            | Carganos =        | Espacio muestral 2 %                       | osi bi mades ( yado kojo 4 74 |
|                                       |                   |  |                               |
| De Pinamos                            | una Progies       | f(x,j) = x+y. (v                           | Par aleatoria)                |
| 200                                   | with Jungion      | 1 (2) 11 - 21 1.                           | a dieasta                     |
| Sa da Din                             | robre un espa     | are marchal air Pr                         | 1 11 - 2                      |
| or ukfine                             | DIE UN ESTO       | icio moestral ej: fc                       | 3 2) = 6                      |
|                                       |                   |  |                               |
|                                       |                   | rc   | 6, 6) = 12                    |
|                                       |                   |  |                               |
| 1 0 - 1 - 1                           | ento 6 M aus      |  |                               |



