20/ Jenio / 2024 Práctica: Regresión Lineal Con el Dataset Pressure Férmula: y=Bo+B+X+E Formulas: Bi = Ein (x: - x) (y: -g) / Ein (x: - x)2 B = 9 - B + X Variables X (temperature) Independiente y (pressure) Dependiente a Cálculo de las Medras Temperature $\mathcal{E}_{x} = 3428 / 19 = 480$ Pressure $\mathcal{E}_{y} = 2,362,39741/19=424.3367053$ 2 Cálculo de la Varianza y Covarianza Varianzer Temperature = (0-180)2 + (20-180)2 + (40-180)2 X=1 + (60-180)2+ (80-180)2+ (100-180)2 $+(120-180)^2+(140-180)^2+(160-180)^2$ + $(180-180)^2+(200-180)^2+(220-180)^2$ + $(240-180)^2+(260-180)^2+(280-180)^2$ $+(360-180)^2+(320-180)^2+(340-180)^2$ + $(360-180)^2=228.000$

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6° = 2284000 / 1900 = 12000

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Covorianza Temperature y Pressure
       ((0-1667 + (0.1002 - 424.8364)) to
 1 - 1 ( 20 - 180 ) & ( C. 50 12 - 1210. 28 ( A ) 3 T
       $ 690 h 8 8 0 h (6), 60 60 - 429, 23 84 N +
       ((60-190) & (0.0800 - 434.3364)74:
       + 11 F355. 44 - 00000 - 124 5564 11 +
       ((000-180) A (0.2200 - 174.3369))+
       ((120-180) $ (0.7500 - 174 2367 17 f
       ((190 -180) & (-6830 - 424. 33691)+
      · ((160-180) x (4.2000-124.8367) +
       + ((FOE-180) 4 (HA. 3000 - 474.3367)) +
        ((220 -180) # (22-1000 - 124.32691)+
      11 240 -480) 4 (5),0000 - 127,336717+
       (1860 -180) x (a6.00 00 - 174.23671) +
        ((28)-180) * (157.0000-174.3369))+
       ((800-180) A (247,0000-174,3367))+
      1 (1820-180) 4 (376,0000-124.3367))+
        ((300-180) x (558.0000, - 124.33671)+
       - ((360-180) x (806-0000-124.3867))
          = 3448347732
 Calcular Coeficientes de Regression
 BO = 9 - B+ x = 124_3367 - 1.5+2419897 × 180
  B+ = COVXY = 344834.732 - 4.5124 19872
Varx = 228,000
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Predicción pred = Bo + B+ * X -7°13.8088739 + 1.512479877 × 90 Lyallor S