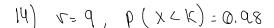
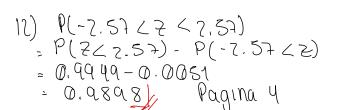
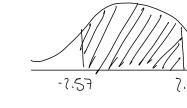
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$$P(x>k) = 1-0.98$$

 $P(x>k) = 0.02$
=> De tablos





11)
$$W_1 = 70.5 / kg7$$
 $G_1 = 5.3$ $P(X > 85) = ?$

$$P(X > 85) = 7$$

$$P(\gamma > \frac{85 - 76.5}{5.3}) = P(\gamma > 2.7358) = P(\gamma < -2.7358) = 99.7%$$



P(Y>2.7358) = 0.3201

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15) n= 45 estudiantes Hericanas = 0.2 = 20%

Mexicanos = 0,2 = 20% Veneralanos = 0,3 = 36% lolombranos = 0,15 = 15% Argentines = 0,18 = 18%

Chilenos = 0,17 = 17%

$$P(M=10, C=7, N=12, A=8, C=8) = 6.0035 \times 10^{-4} = 0.06 \%$$

16)	Minutes	Monta				
	X	У	χ ^ι	YZ	ХУ	n= 7
	94	696	8836	૫૪૫૫ાઢ	65424	
	84	640	7056	409600	53760	X = 93, 2857
	120	700	14400	49 0000	84000	
	79	420	6241	176400	33 180	V=587.28571
	96	650	9216	422500	62 40 0	
	91	600	8281	360000	54600	
	89	405	1921	164025	36 045	
Σ	653	4/1/	6195/	2566941	389409	

$$55xy = 389409 - \frac{(653)(4/11)}{7} = 5911.4286$$

$$SS_{xx} = 6195/ - \frac{(653)^2}{7} = /035.4286$$

$$SS_{YY} = 2506941 - \frac{(4111)^2}{7} = 92609,4286$$

Gacción = y = 54.699 + 5.7092 X

Cov =
$$\frac{55xy}{n} = \frac{5911.4286}{7} = 844.4898$$
 : Existe una dependencia di rectat

Correlación

$$r = \frac{SSxy}{\sqrt{SSxx}SSyy} = \frac{5911.43}{\sqrt{(1035,4286)(92609,4286)}} = 0.6037$$

: Existe una dependenció fuertes

$$I^{2} = \frac{S_{XY}^{2}}{SS_{XX}S_{YY}} = \frac{(591/,43)^{2}}{(1035,4286)(92609.4286)} = 0.3649_{X} = 36.44\%$$

:. La variable x explica en un 36,4470 a la variable

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Luar 1