	Bivariate Data
Padall	- You can have strong, moderate, wear, or perfect correction. - The Product Moments Correlation Coefficient (PMCC) is a measure of this:
	-15 - 4 1
	r=1 means all points liè en line cu/ positive graduent
	medas ne cerrequorde
	r=-1, means all points lie on line w/ negative grachent
	- Around 0.5 is moderable, 0.00 a is weak.
	X x Espotralla, isau hana, a mean point
	Jessenbrally, you have a mean point (\(\frac{\frac}
	* * point,
	Cone point an have a conge effects.
Line of Regression Carpo Cine	- If the PMCC can be found, so can the equation of the line of regression. Both can be found using FX9912X
	y = a + b = c
of inst	(ate of change (defined in conteact)
	Initial Value Coffned in conteact)
Lnteopolation	- Interpolation is seen data, seeffered the many
& Extra-	- Interpolation is using data within the range Dectapacition is predicting using data. It days out the
polubion	there is no data.

Areu

12

age-

Lidgeans	+ Shows distribution may	- Thesir indicate and
0	eusing find flequency	datan
	eusig T	a Estimation for news
	+ Elmale news	
	+ Find model class	
	PRISHEY.	
Stem & leaf	+ Show Jagges and	- Currow was out thing
	Clusiers ensug.	Like men eusily
	+ See anties every	
I control of the cont		

24 students in a gym class balance on one leg for as long as they can, and their times are recorded to the

nearest second.

a i Find the missing frequency. 4

of the missing bar on the histogram. Le = wolf

b Estimate the number of students who could stand on one leg for

i Less than 5.5 seconds,

ii More than 10 seconds. $6+\frac{1.5}{4} \times 6 = 6+\frac{2}{4}$.

area & F = 14

Cook at scale factor - pechaps to used to Fit-nicely

Time (seconds)	Continuity Correction	Frequency
0-4	046145	9
5-7	14.8 5 6 4 7.5	3
8-11	7.5466 1105	6
12-16	11.85 6 16.5	6
≥17	16.846	0

