

	High temp. in °C x	Iced tea orders y	$x - \bar{x}$	$y - \bar{y}$	$(x - \bar{x})^2$	$(y - \bar{y})^2$	$(x - \bar{x})(y - \bar{y})$
22nd (Mon.)	29	77	-0.4	2	0.16	4	0.8
23rd (Tues.)	28	62	-1.4	-13	1.96	169	-18.2
24th (Wed.)	34	93	4.6	19	21.16	361	87.4
25th (Thurs.)	31	84	1.6	9	2.56	81	14.4
26th (Fri.)	25	59	-4.4	-16	19.36	256	-70.4
Sum	147	375	0	0	45.2	834	185
Average	29.4	75			\uparrow \bar{x}	\uparrow \bar{y}	

Step 5, $a = \frac{S_{xy}}{S_{xx}} = \frac{185}{45.2} = 4.093$

$b = \bar{y} - \bar{x}a = 75 - 29.4 \times 4.093 =$

$y = 4.093 - 45.33$ ❌

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