

Pulse1	Pulse2	Height	Weight	Activity	Run	Smokes	Male	Row	J	K	L	M	N	O	P	Row
48	54	68	150	1	0	1	1	2	Start:		Col D	Identify data to be summarized				2
54	56	69	145	2	0	1	1	3			D2:D93	Identify range:				3
54	50	69	160	2	0	0	1	4								4
58	70	72	145	2	1	0	1	5								5
58	58	66	135	3	0	0	1	6	Step A:	Determine # and width of bins			Enter formulas & manual entry:			6
58	56	67	125	2	0	0	0	7		# of data values			=COUNTA(D2:D93)			7
60	76	71	170	3	1	0	1	8		# of bins (Calculated)			=LOG(M7,2)			8
60	62	71	155	2	0	0	1	9		Select # bins (Manual entry)			Round # above to an integer			9
60	70	71.5	164	2	0	1	1	10					Enter formulas & manual entry:			10
60	66	62	120	2	0	0	0	11			Max		=MAX(D2:D93)			11
61	70	65.5	120	2	0	0	0	12			Min		=MIN(D2:D93)			12
62	76	73.5	160	3	1	1	1	13			Range		=M11-M12			13
62	75	72	195	2	1	0	1	14			Bin Width (Calculated)		=M13/M9			14
62	58	72	175	3	1	0	1	15		Select width (Manual entry)			Round # above to an integer			15
62	100	66	120	2	1	0	0	16								16
62	98	62.75	112	2	1	1	0	17	J	K	L	M	N	O	P	17
62	62	74	190	1	0	0	1	18	Step B:	Set bin maximum of first/lowest bin			Enter formula & manual entry:			18
62	66	70	155	2	0	0	1	19		Max 1st bin (Calculated)			=M12+M15-1			19
62	68	73	155	2	0	1	1	20		Max 1st bin (Manual)						20
62	66	65	122	3	0	0	0	21	Bin Max							21
64	88	66	140	2	1	0	1	22	WEIGHT	Enter formulas:						22
64	80	69	155	2	1	0	1	23					=M20			23
64	62	75	160	3	0	0	1	24					=J23+M\$15			24
64	60	66	130	3	0	0	0	25					Pull J24 down to J29			25
66	78	73	190	1	1	1	1	26								26
66	82	69	175	2	1	1	1	27								27
66	102	70	130	2	1	0	1	28								28
66	72	66	125	2	0	0	0	29								29
66	76	65	115	2	0	0	0	30								30
68	72	74	190	2	1	0	1	31								31
68	76	67	145	2	1	0	1	32	Step 1	From the Data tab, select, "Data Analysis Toolpak" icon.						32
68	76	74	180	2	1	1	1	33		Select Histogram.						33
68	112	70	125	2	1	0	0	34								34
68	66	67	150	2	0	1	1	35	Step 2	Enter range for data, bin maximums and output. Select charts						35
68	68	71	150	3	0	0	1	36	Step 3	Eliminate space between bars. Horizontal axis: Weight (Max per bin)						36
68	64	69.5	150	3	0	0	1									

68	68	72	142	3	0	0	1
68	66	68	155	2	0	0	1
68	68	69	150	2	0	0	0
68	68	62	110	2	0	0	0
70	72	73	170	3	1	1	1
70	106	71	170	2	1	0	1
70	94	75	185	2	1	1	1
70	62	66	130	2	0	1	1
70	70	70	150	2	0	0	1
70	66	75	190	2	0	1	1
72	80	66	135	3	1	0	1
72	74	69	170	2	0	1	1
72	74	68	155	3	0	1	1
72	70	71	140	2	0	0	1
72	70	63	118	2	0	0	0
72	68	68	110	2	0	0	0
74	84	73	165	1	1	0	1
74	76	70	157	2	1	0	1
74	70	73	155	3	0	0	1
74	74	73	155	2	0	0	1
74	76	67	123	2	0	0	1
76	118	71	138	2	1	0	1
76	76	72	215	2	0	0	1
76	76	74	148	3	0	0	1
76	76	62	108	3	0	1	0
76	76	61.75	108	2	0	0	0
78	104	68	130	2	1	1	0
78	118	69	145	2	1	0	0
78	76	72	180	3	0	0	1
78	78	67	115	2	0	0	0
78	80	68	133	1	0	0	0
80	96	72	155	2	1	0	1
80	128	68	125	2	1	0	0
80	74	64	102	2	0	0	0
82	100	68	138	2	1	0	0
82	84	73	180	2	0	1	1
82	80	63	116	1	0	0	0