Create Histogram using Functions:
COUNTIF and FREQUENCY

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
0	1	0	0	3	5	67	5
0	1	0	1	4	1	62	4
0	1	0	1	3	4	60	5
0	1	1	0	4	5	60	4
0	0	1	0	3	1	71	3
0	0	0	0	5	2	76	6
0	0	1	0	1	1	63	5
1	0	0	0	4	3	65	5
1	0	1	0	3	5	59	7
0	1	1	1	2	1	67	6
0	1	0	0	1	5	60	5
1	0	1	0	3	2	68	5
0	1	1	1	1	3	61	3
0	0	1	0	4	2	67	6
1	0	0	0	4	2	70	6
1	0	0	1	5	1	54	5
1	0	1	1	3	2	48	6
1	0	1	1	4	1	64	6
0	1	1	1	3	1	73	4
1	0	0	0	5	1	66	7
0	0	1	0	3	2	69	5
0	0	1	0	2	3	76	4
0	0	0	0	4	2	65	6
0	0	1	0	3	4	62	4
0	1	1	1	5	4	76	6
0	0	1	0	4	4	73	6
1	0	1	0	5	1	76	3
0	0	0	0	1	4	67	6
0	0	1	1	4	2	43	6
1	0	1	1	4	2	73	6
1	0	0	0	5	4	57	6
0	0	0	0	2	4	66	7
1	0	0	0	5	1	52	4

I	J	K	L	M	N	O	P	Q	V0C	1
2	Start:		Q7	Identify data to be summarized						2
3			G2:G241	Identify range:						3
4										4
5	J	K	L	M	N	O	P	Q		5
6	Step A:	Determine # of bins								6
7		# of data values		J7	=COUNTA(G2:G241)					7
8		Est. # of bins		J8	=LOG(J7,2)					8
9		Select # bins			Manual entry					9
10										10
11		Max		J11	=MAX(G2:G241)					11
12		Min		J12	=MIN(G1:G241)					12
13		Range		J13	=J11-J12					13
14		Bin Width		J14	=J13/J9					14
15		Select width			Manual entry					15
16										16
17	J	K	L	M	N	O	P	Q		17
18	Step B:	Set bin maximums ascending								18
19										19
20										20
21										21
22	J	K	L	M	N	O	P	Q		22
23	Step C1:	Calculate bin count using COUNTIF								23

Range	BinMax	Count
33-41	41	
41-49	49	
49-57	57	
57-65	65	
65-73	73	
73-81	81	
81-89	89	
89-97	97	
97-105	105	

Create Histogram using Functions:
COUNTIF and FREQUENCY

0	0	0	0	3	5	57	8
0	0	1	0	3	1	62	6
1	1	0	1	3	1	54	5
1	0	1	0	3	3	67	6
1	0	1	0	5	3	71	5
0	1	0	1	2	1	74	6
0	0	1	0	1	3	69	6
1	0	1	1	4	4	53	5
1	0	0	0	5	5	59	4
1	1	1	1	3	2	66	6
0	0	1	1	1	2	54	4
0	1	0	1	2	2	54	6
0	0	1	0	3	1	59	5
1	0	1	0	5	4	47	4
0	1	1	1	1	5	58	6
0	0	1	0	3	5	75	7
1	0	0	1	5	5	68	6
0	1	1	0	5	1	75	4
1	1	0	1	5	1	59	6
1	0	0	1	4	4	74	5
1	0	0	0	4	2	73	5
0	0	1	0	5	2	61	6
0	0	0	0	4	1	61	6
0	1	1	0	3	4	70	6
0	0	1	0	3	5	73	6
1	0	1	0	5	1	57	4
0	1	0	1	4	1	58	5
1	1	1	1	3	1	76	5
1	0	1	0	3	5	76	5
1	0	1	0	3	5	75	5
1	0	0	1	4	4	74	6
0	0	1	0	4	1	57	8
0	1	1	0	1	1	53	7
1	0	1	0	3	5	75	4

J	K	L	M	N	O	P	Q

Step C2: Calculate count for each bin using FREQUENCY

a) Select L41:L49.

b) In the formula bar, enter =Frequency(G$2:G$241, K41:K49) [Don't press Enter]

c) Press and hold CTRL-SHIFT and then press ENTER (CSE command)

Range	BinMax	Count
33-41	41	
41-49	49	
49-57	57	
57-65	65	
65-73	73	
73-81	81	
81-89	89	
89-97	97	
97-105	105	

Note: The "squiggles" (braces) are computer-generated by this array command.
You cannot succeed if you try to type them in manually.

1, 2, 3: Create Column Chart; Convert into Histogram.