Gauge Chart

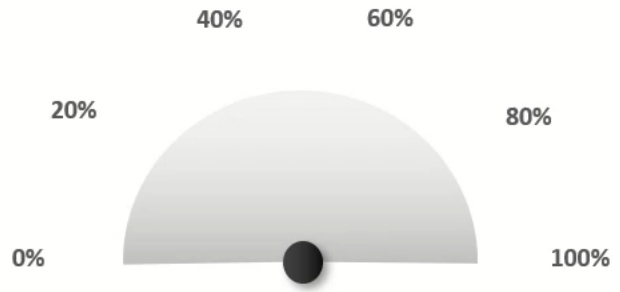
Create my Excel℠

Clipboard | Font | Alignment | Number | Styles | Cells | Editing | Add-ins

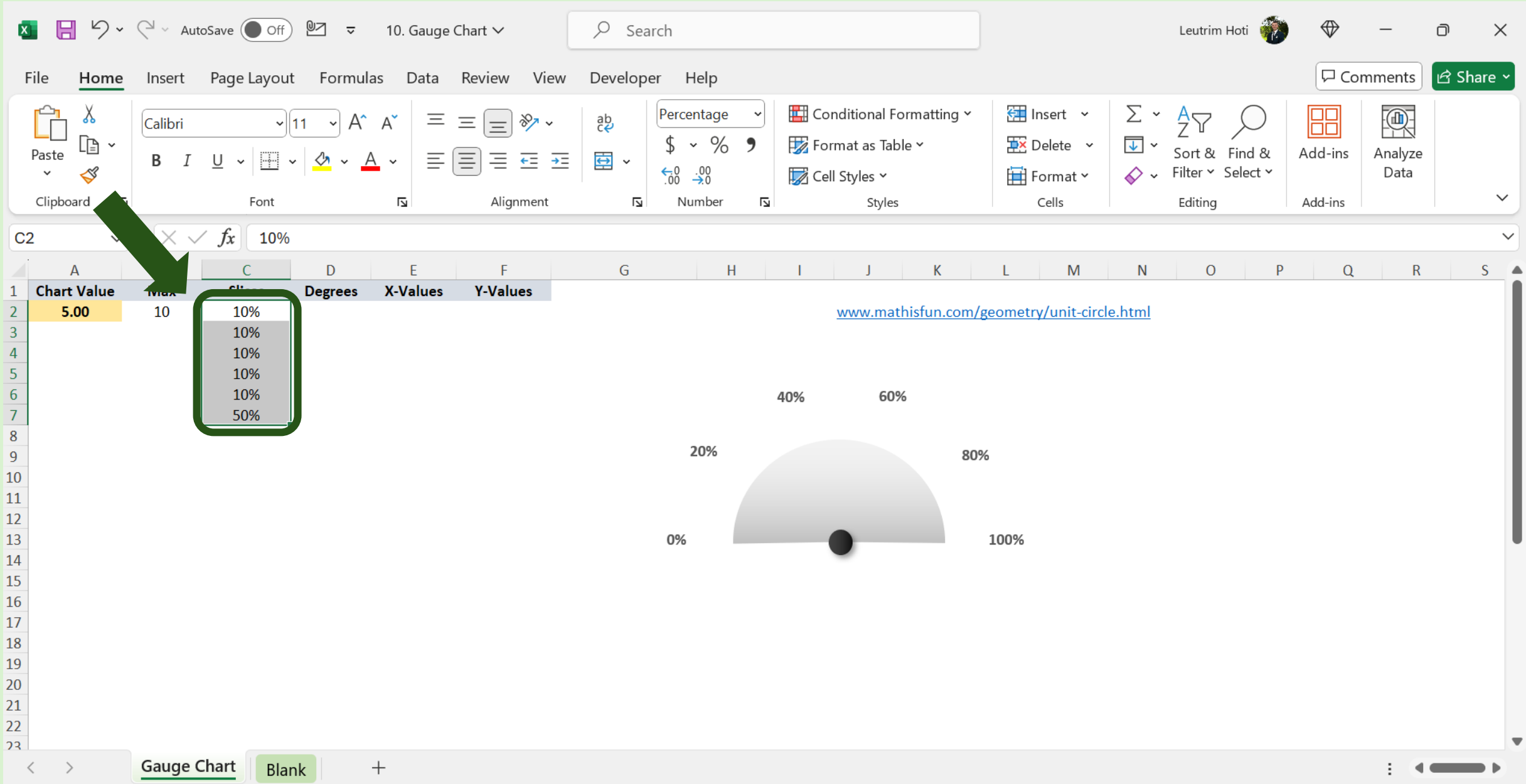
B2 | 10

	A	B	C	D	E	F
1	Chart Value	Max	Slices	Degrees	X-Values	Y-Values
2	5.00	10				

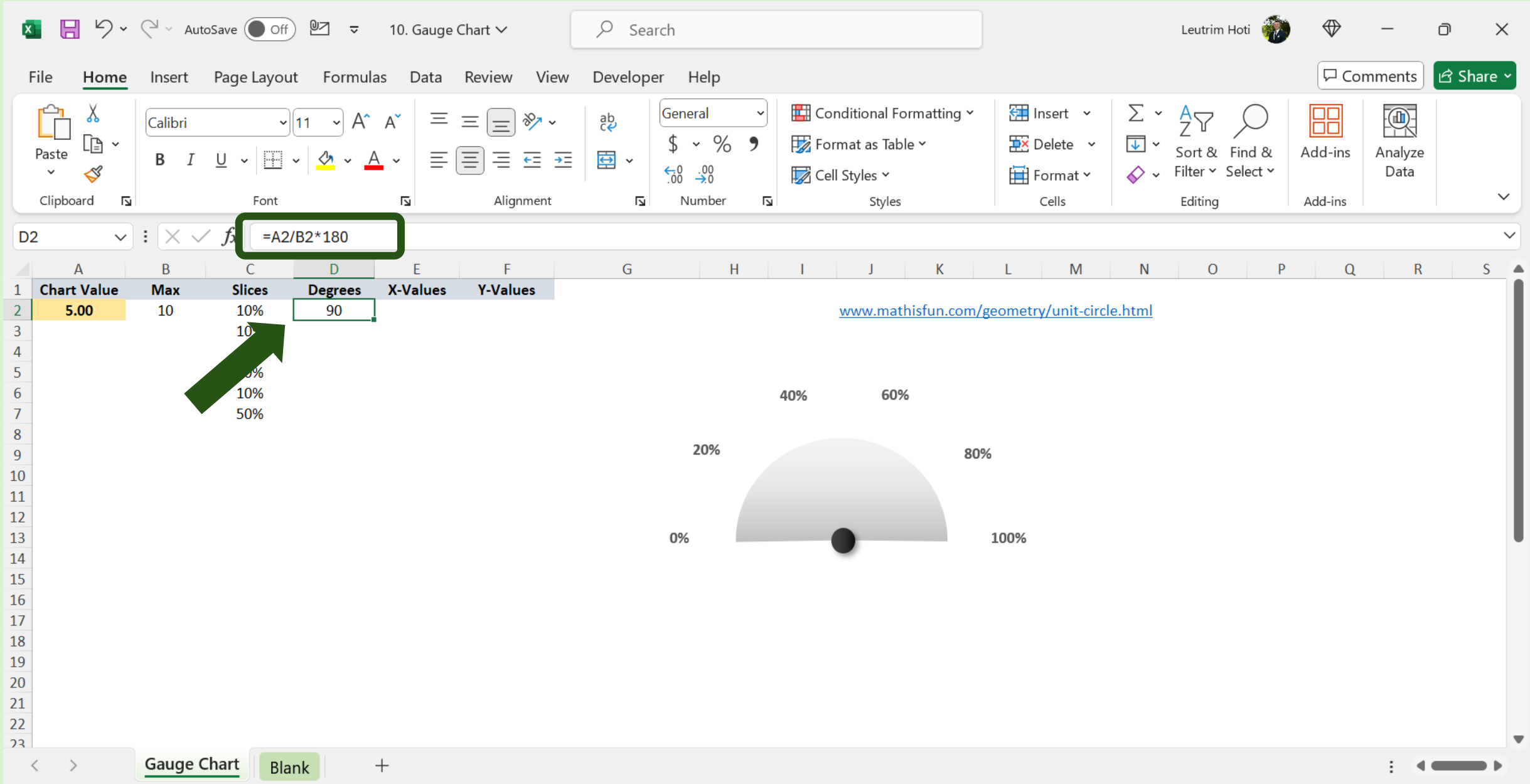
www.mathisfun.com/geometry/unit-circle.html



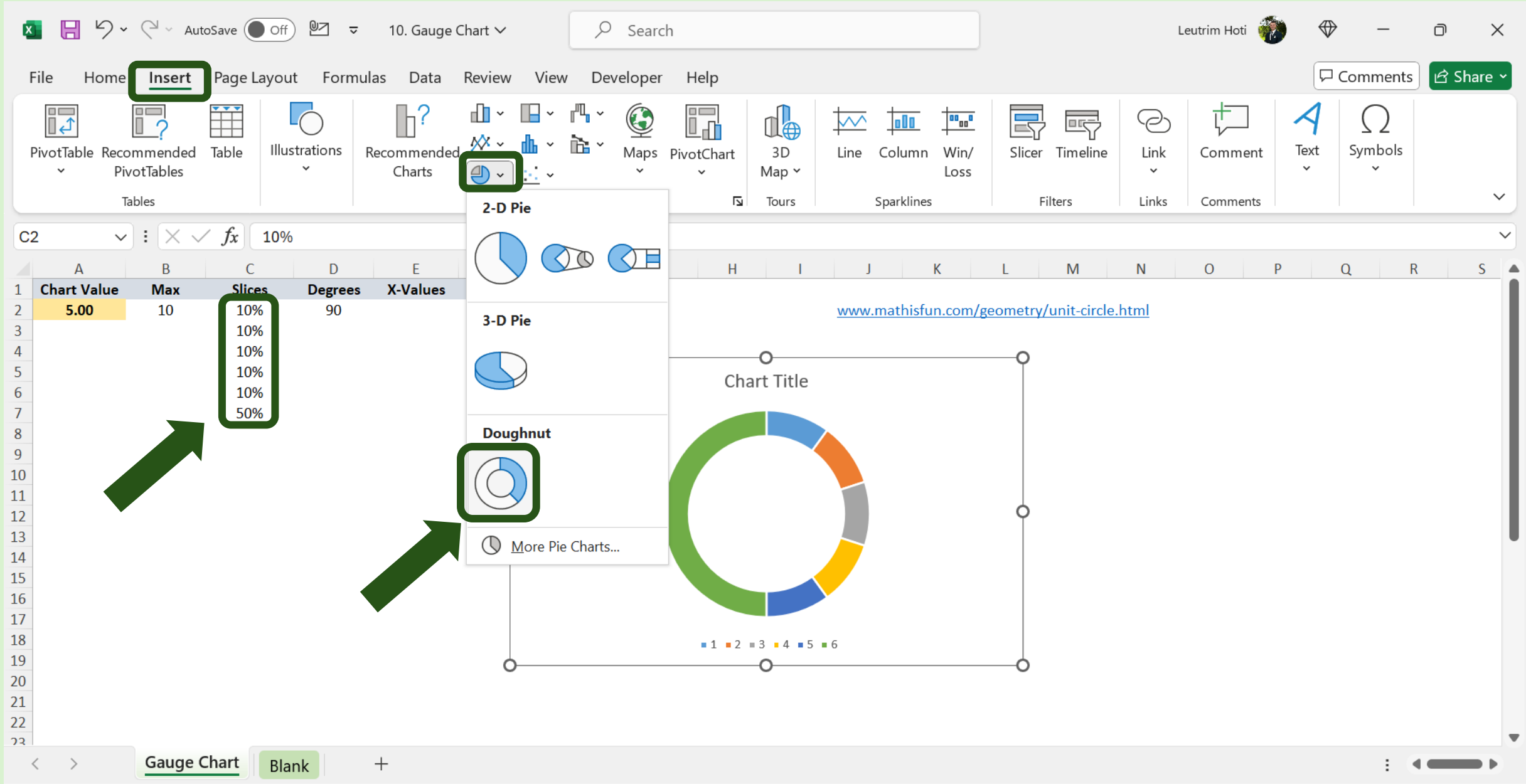
Step 1: Insert Data In Cells C2:C7



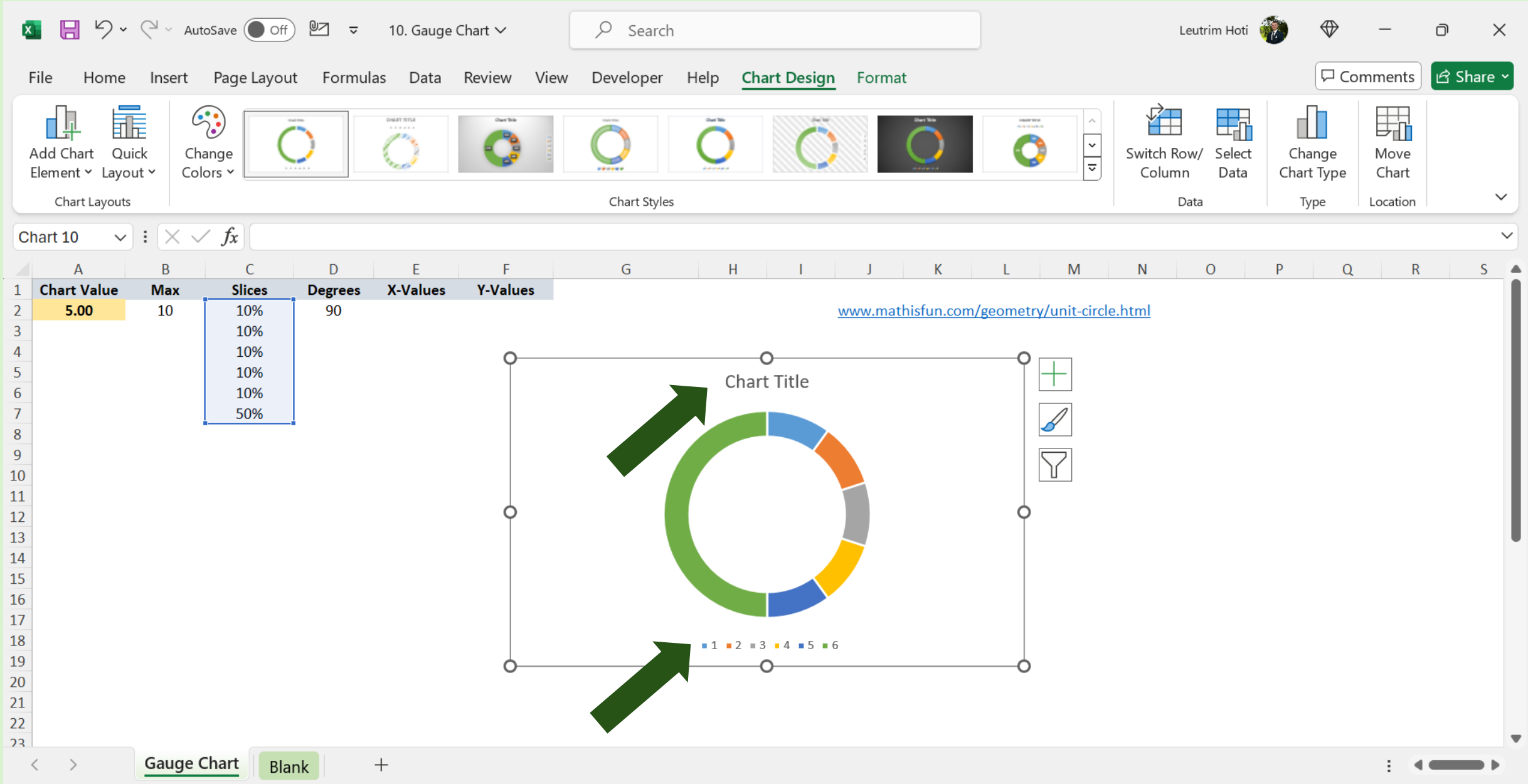
Step 2: Insert Function In Cell D2



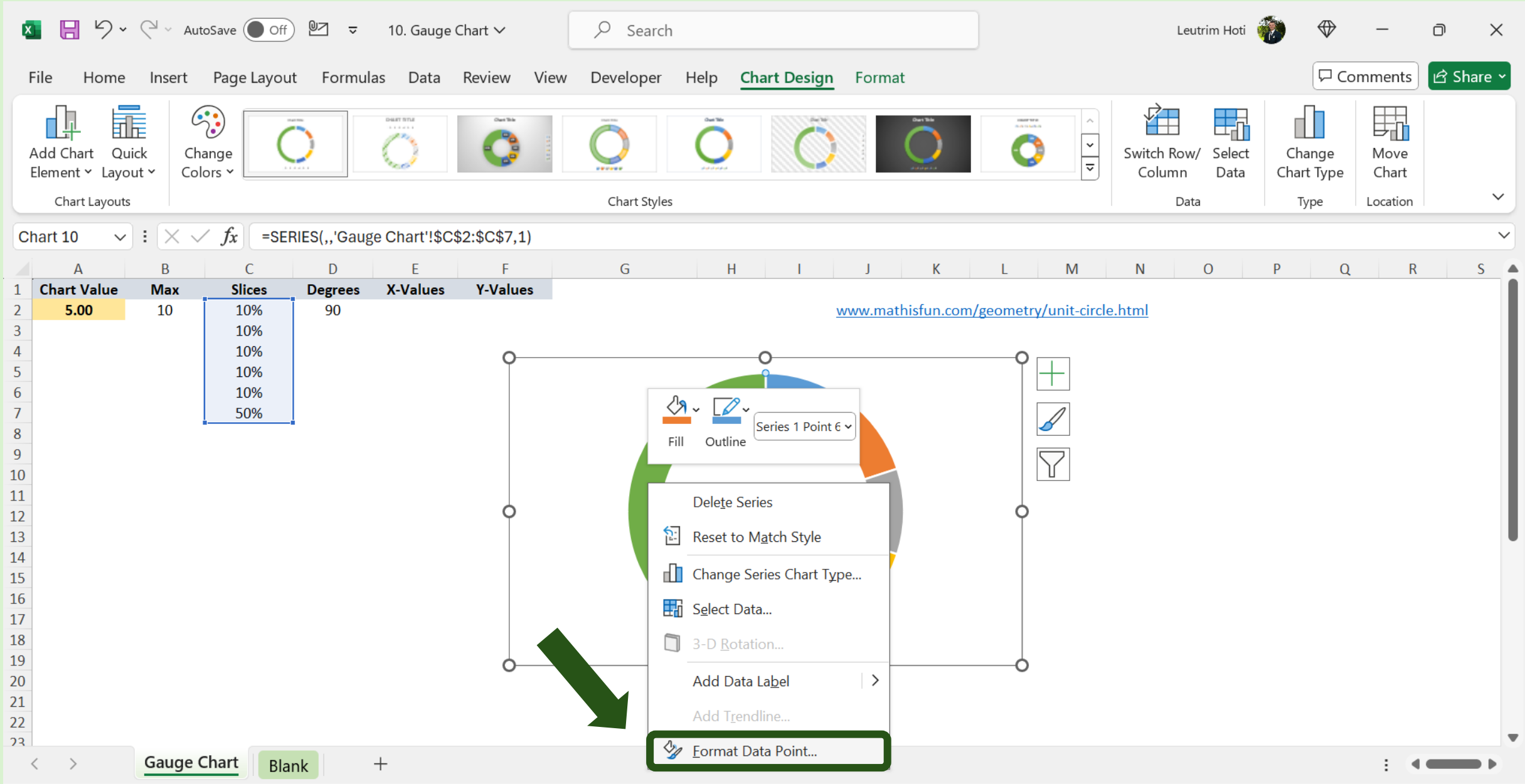
Step 3: Select C2:C7, Insert Doughnut Chart



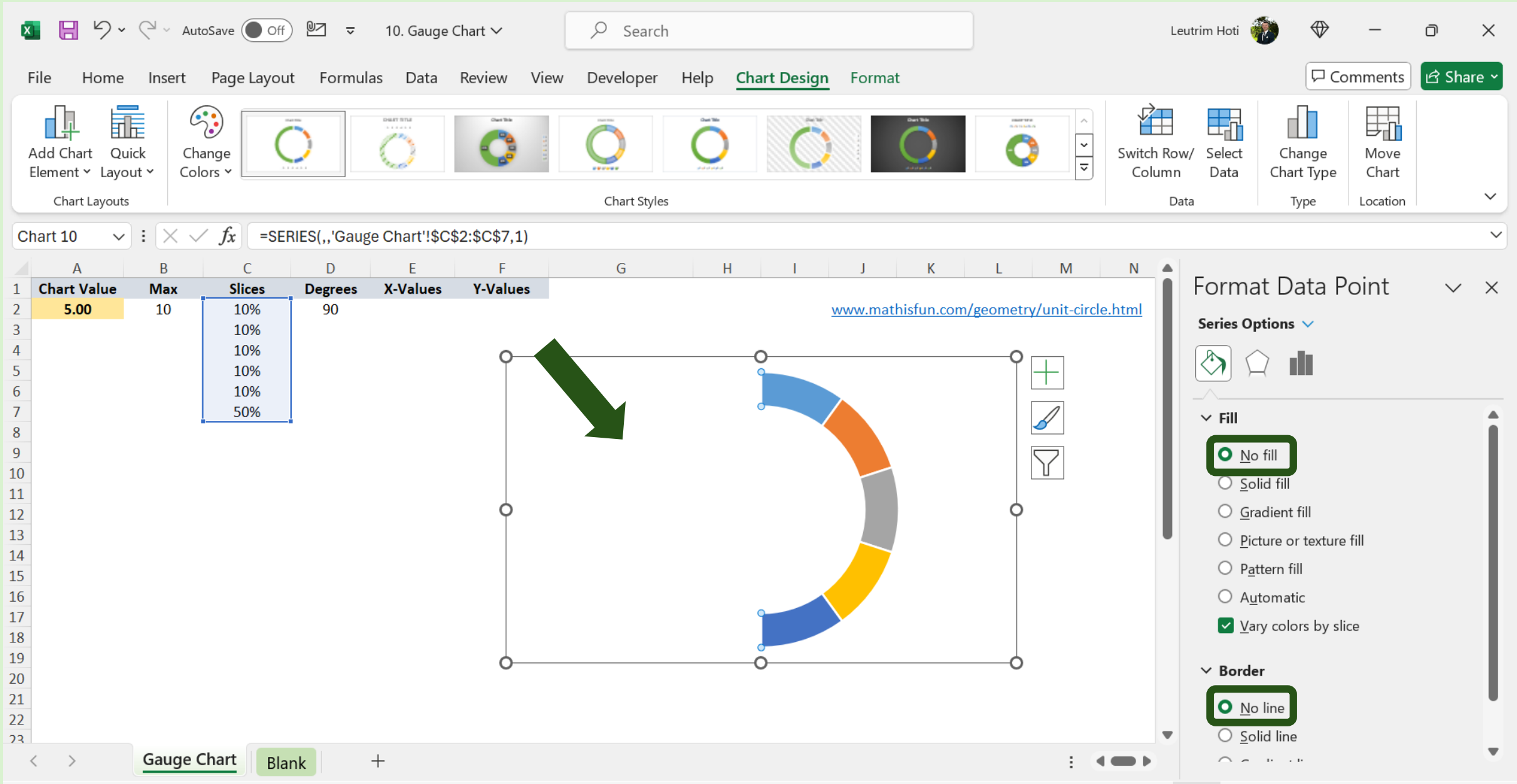
Step 4: Delete Chart Title and Legend



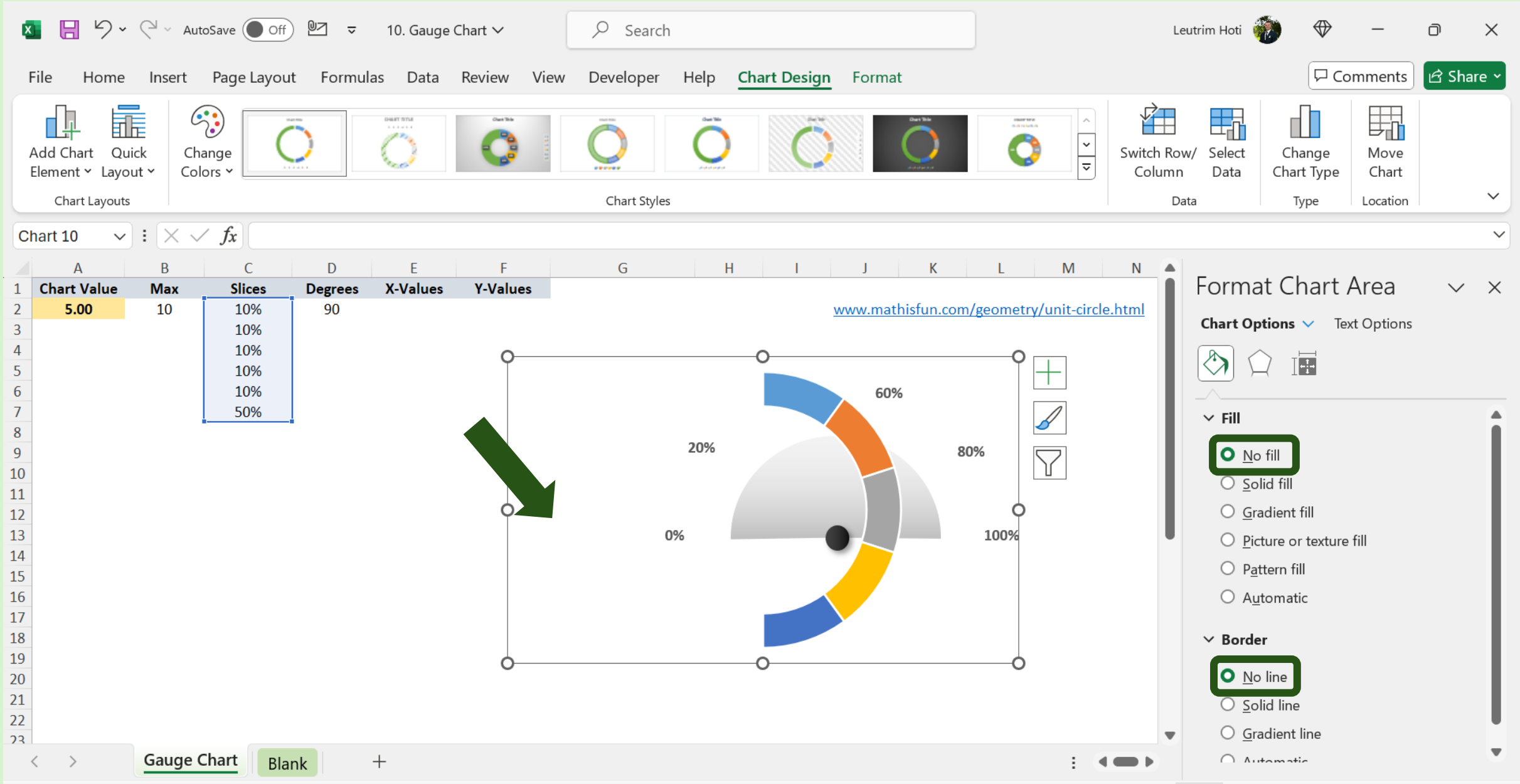
Step 5: Click Chart, Format Data



Step 6: Format Data, Apply No Fill & No Line



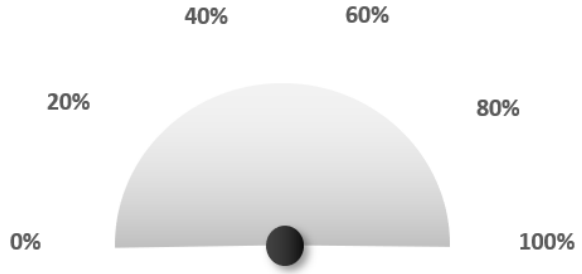
Step 7: Format Area, Apply No Fill & No Line



Step 8: Type “0” In Cells E2:F2

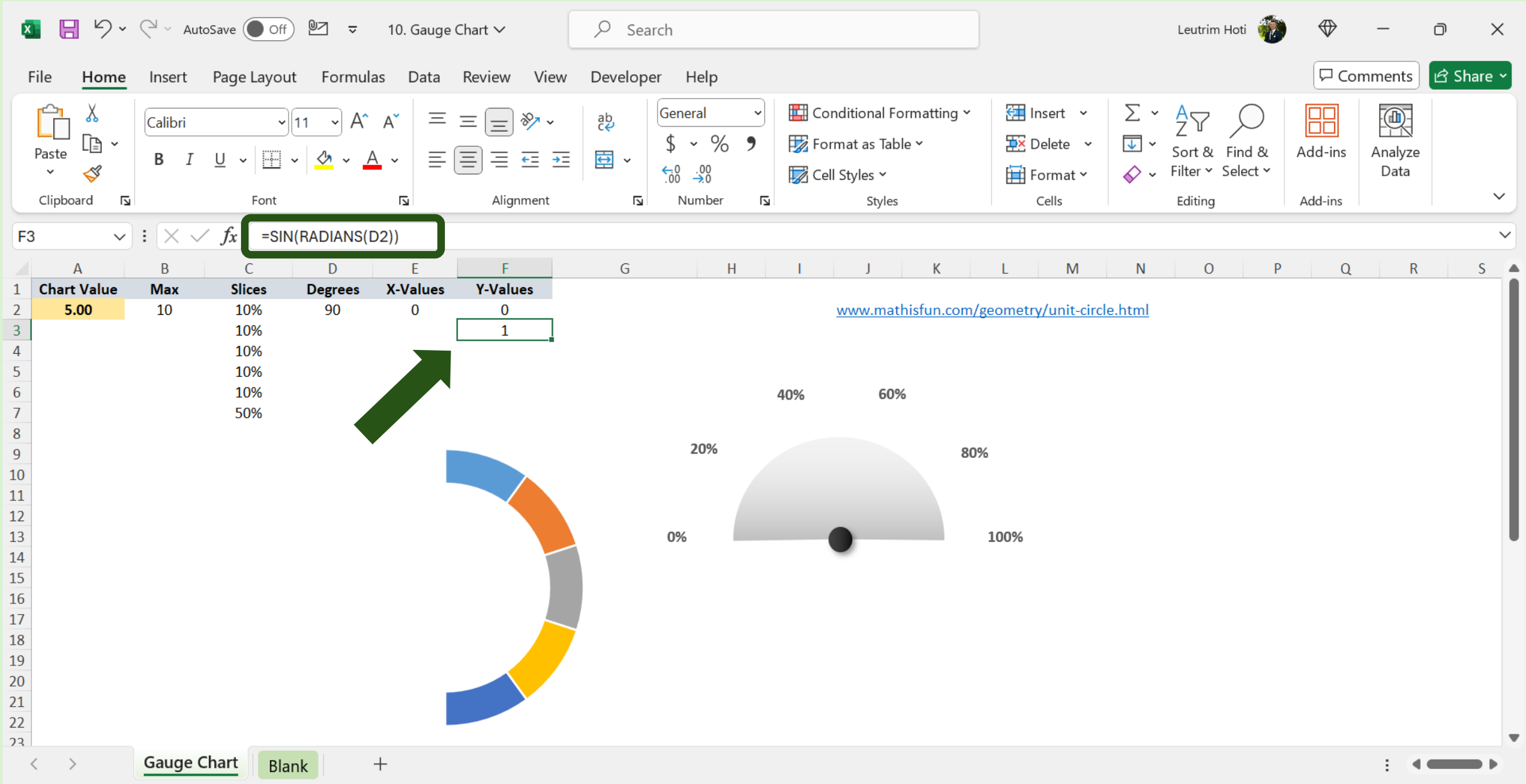
	A	B	C	D	E	F
1	Chart Value	Max	Slices	Degrees	X-Values	Y-Values
2	5.00	10	10%	90	0	0
3			10%			
4			10%			
5			10%			
6			10%			
7			50%			

www.mathisfun.com/geometry/unit-circle.html

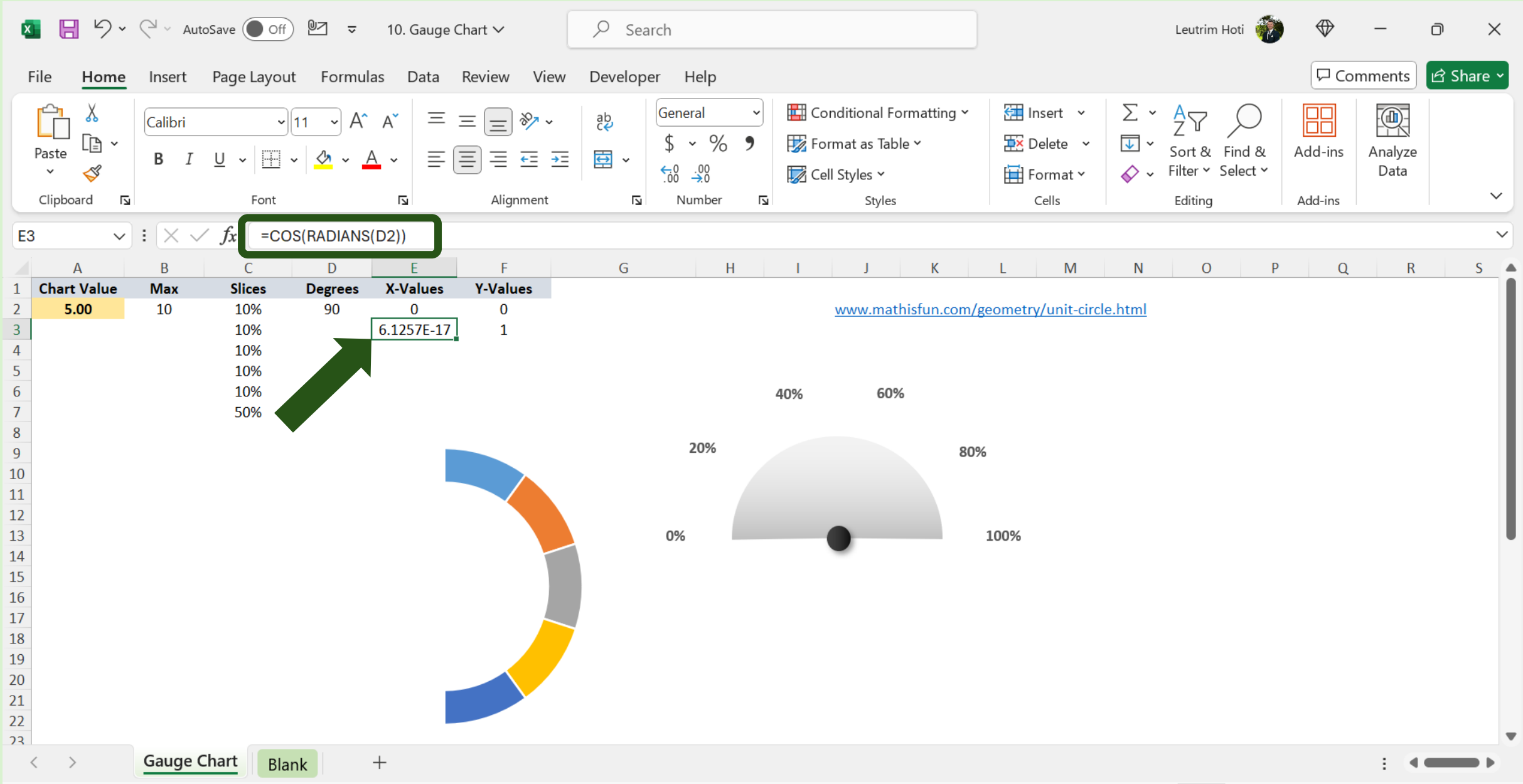


Gauge Chart | Blank

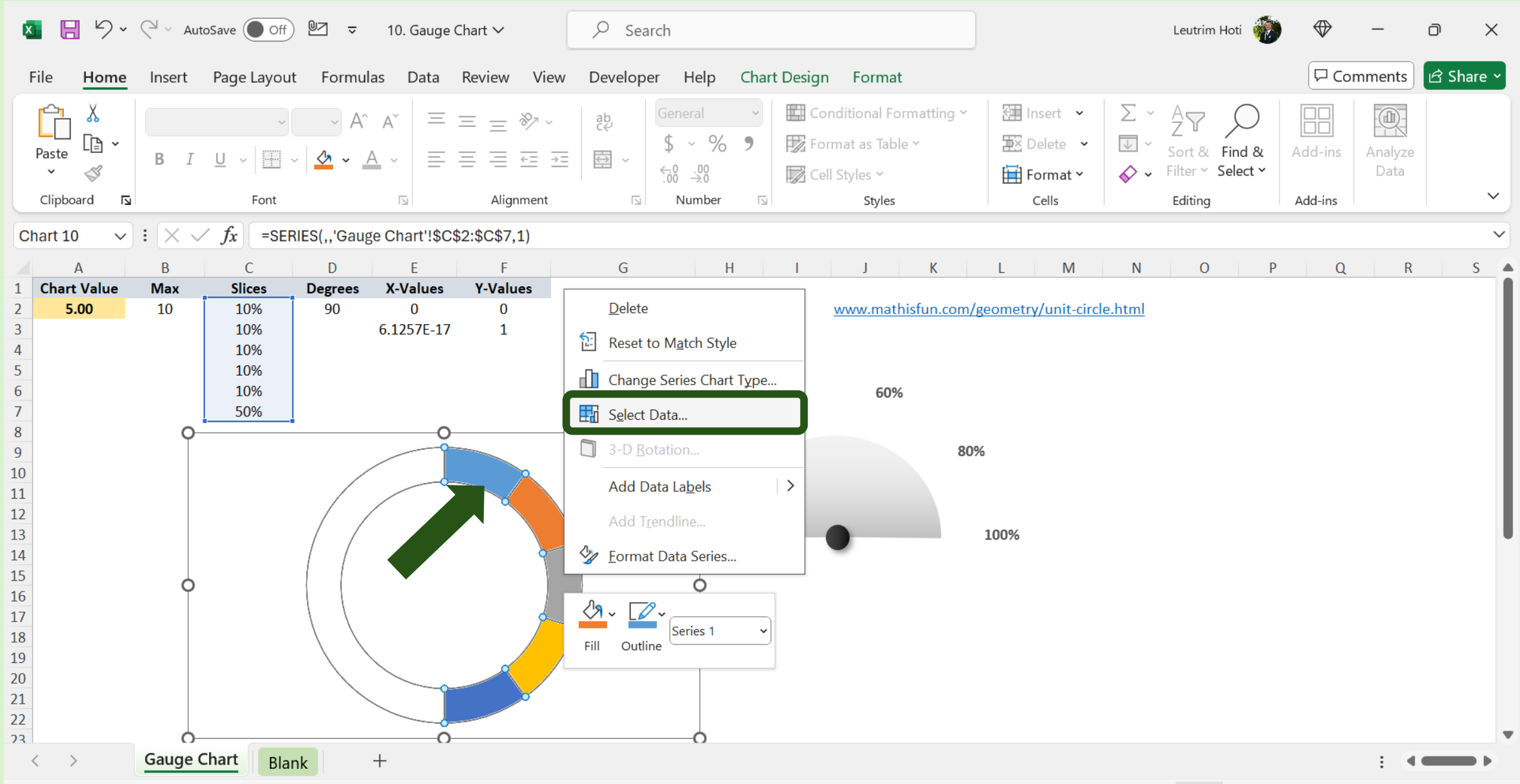
Step 9: Insert SIN & RADIANS Function



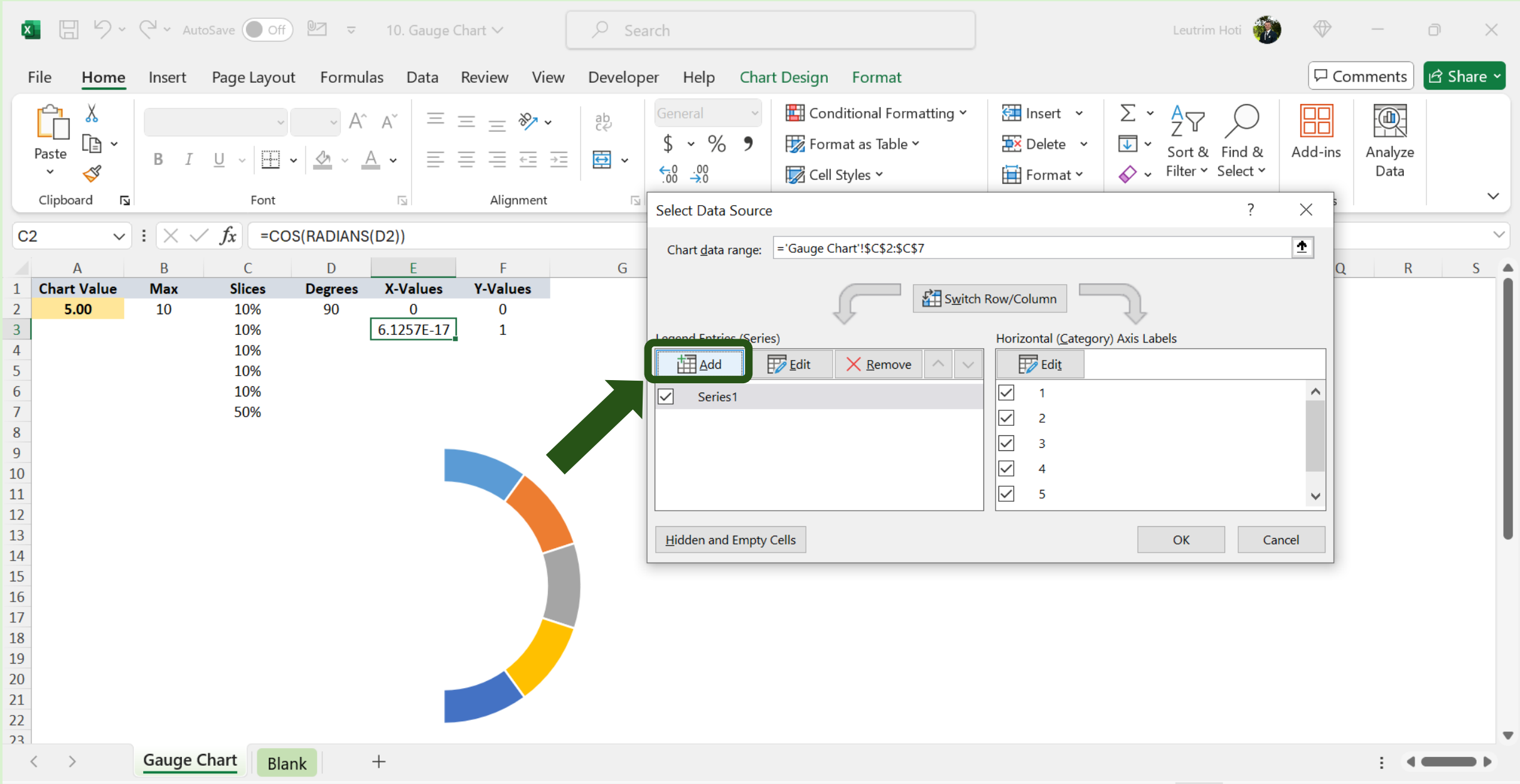
Step 10: Insert COS & RADIANS Function



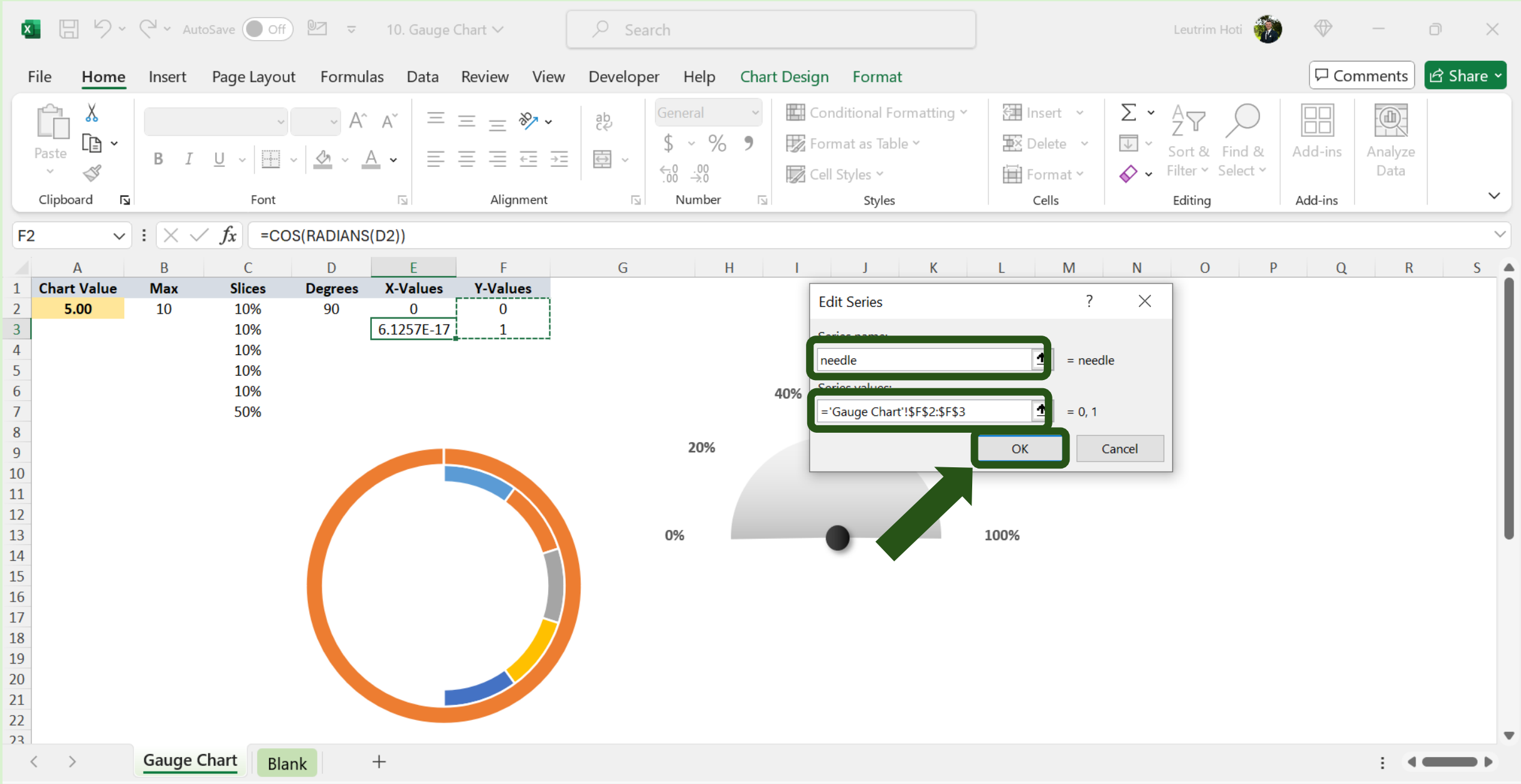
Step 11: Right-Click Chart, Select Data



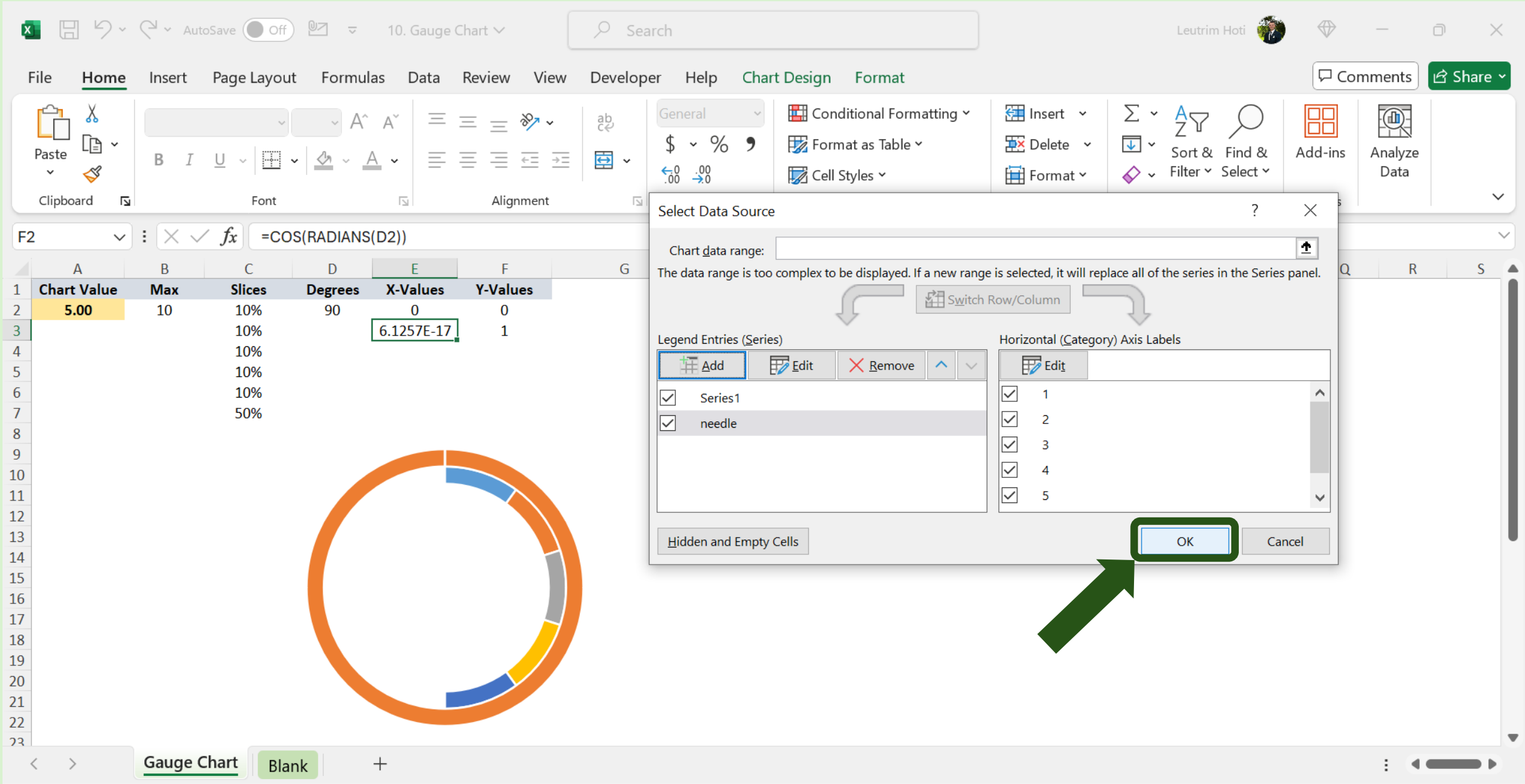
Step 12: Add Series



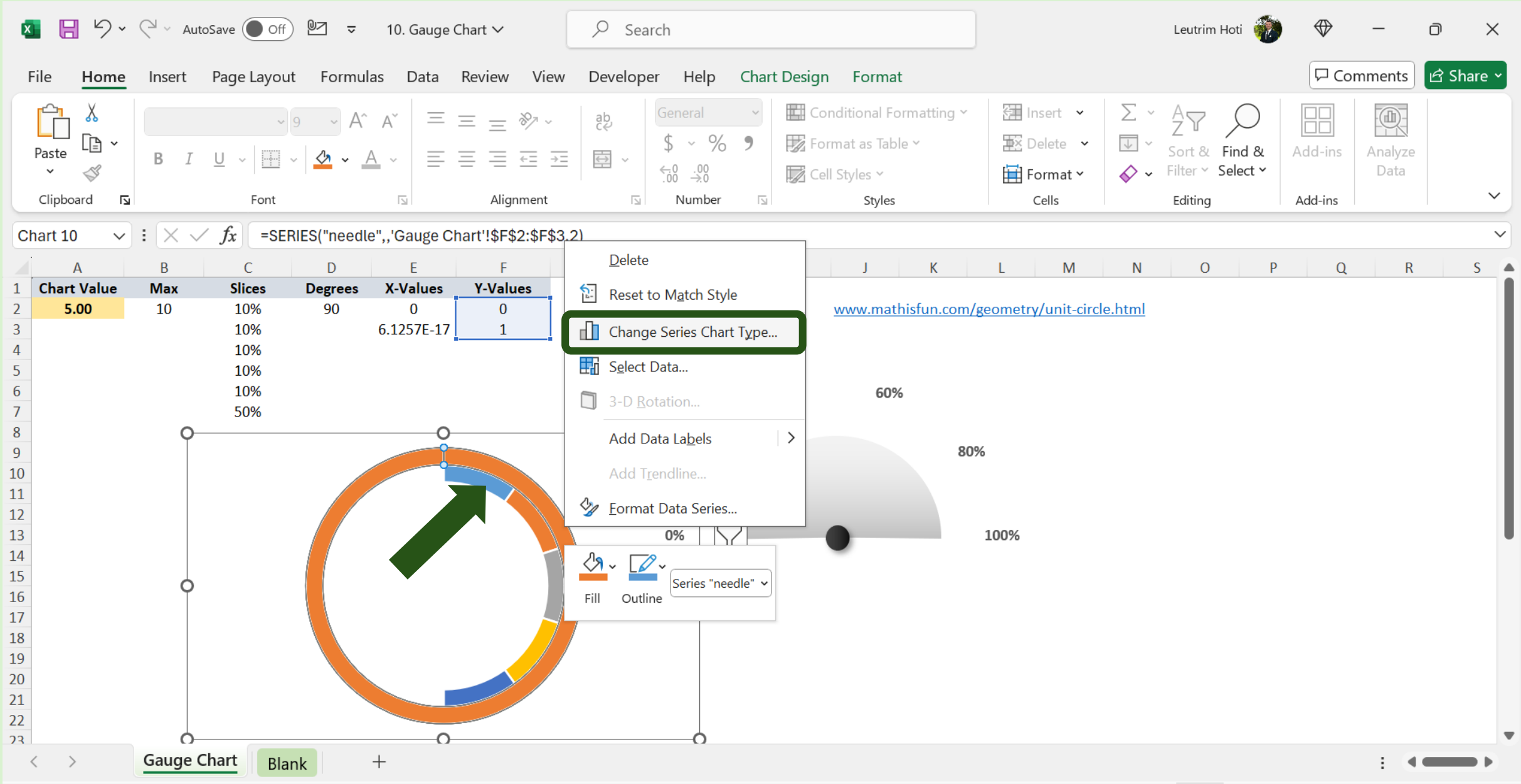
Step 13: Type “needle”, Select Range, Press Ok



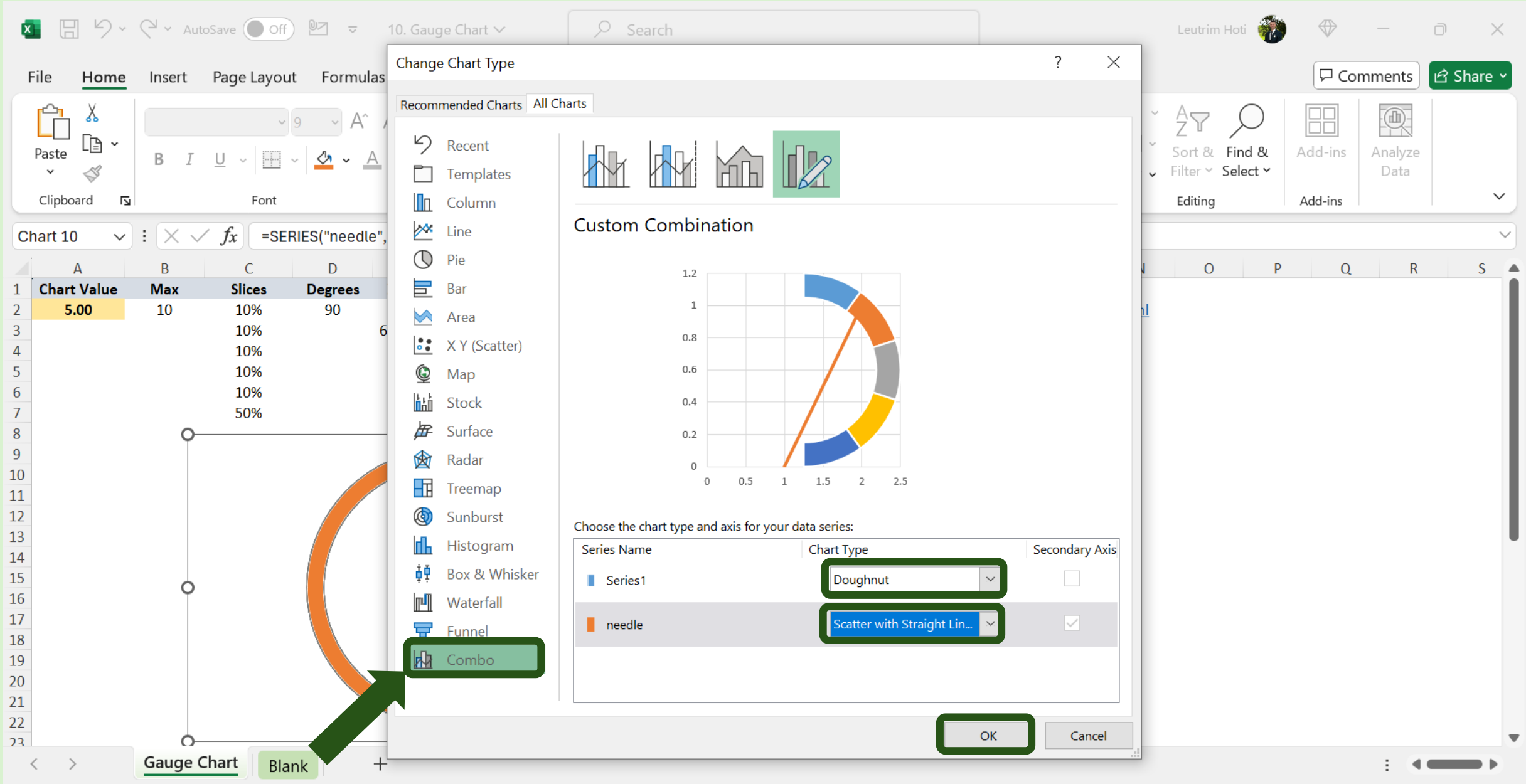
Step 14: Press OK



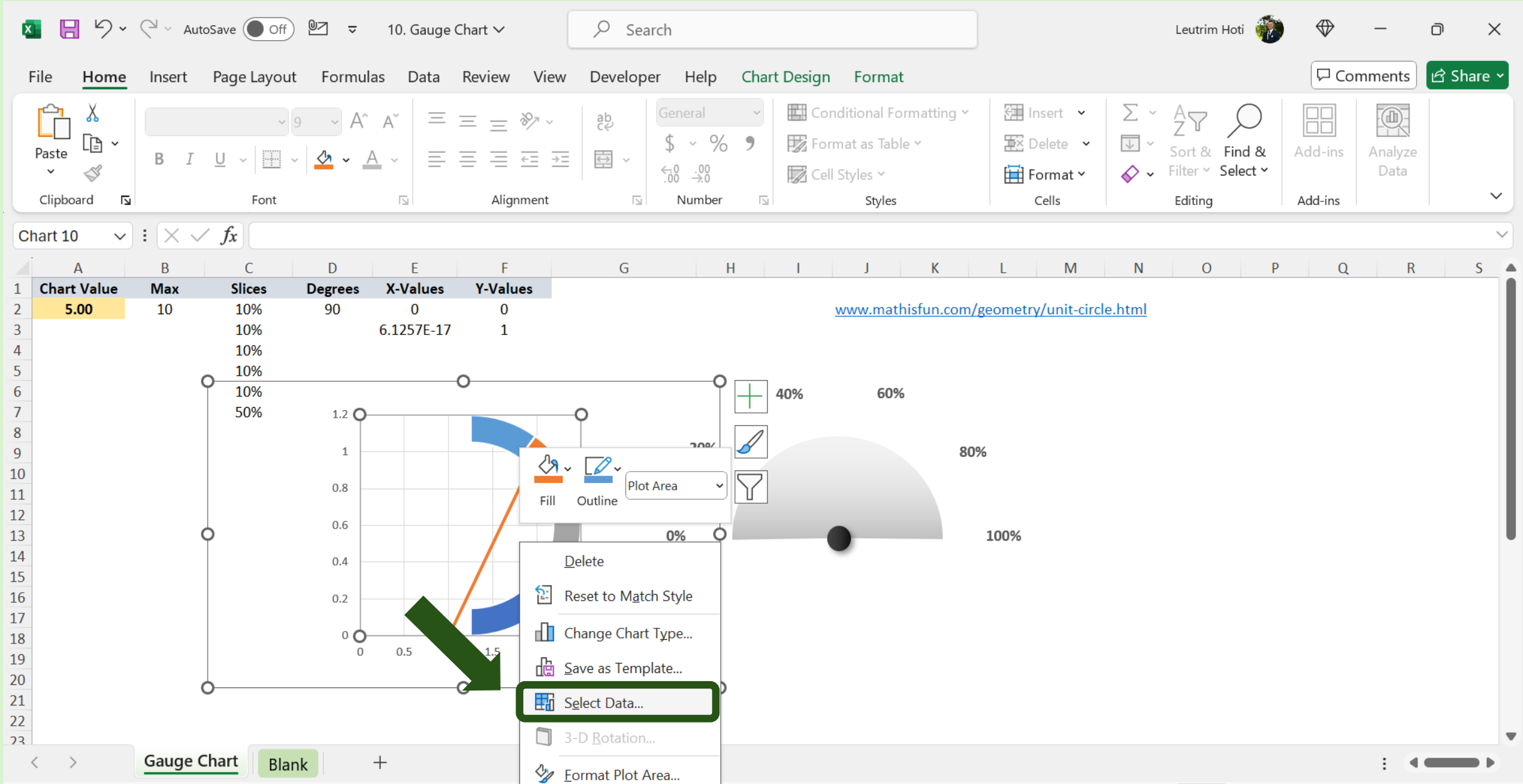
Step 15: Right-Click, Change Chart Type



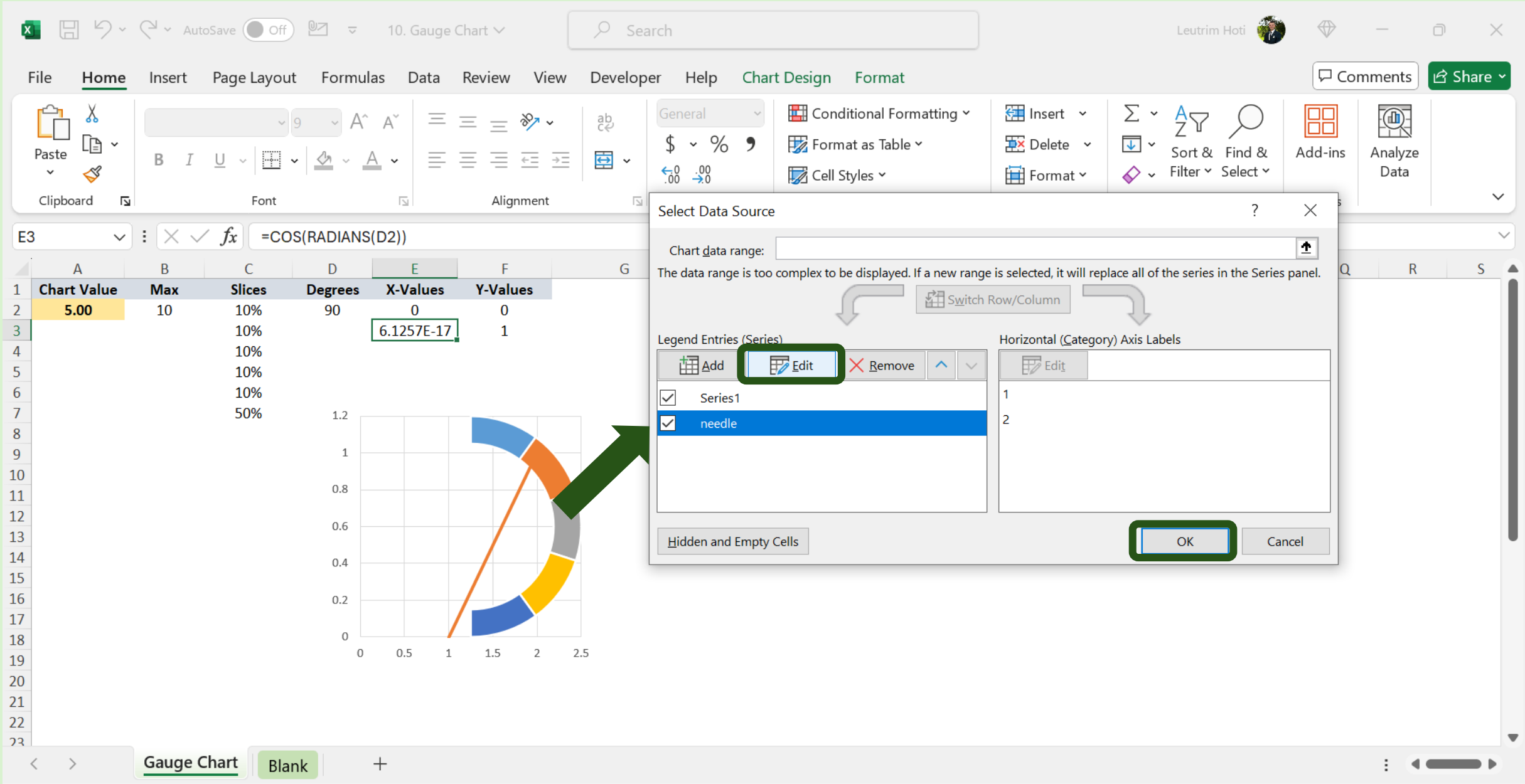
Step 16: Select Combo, Select Chart Type



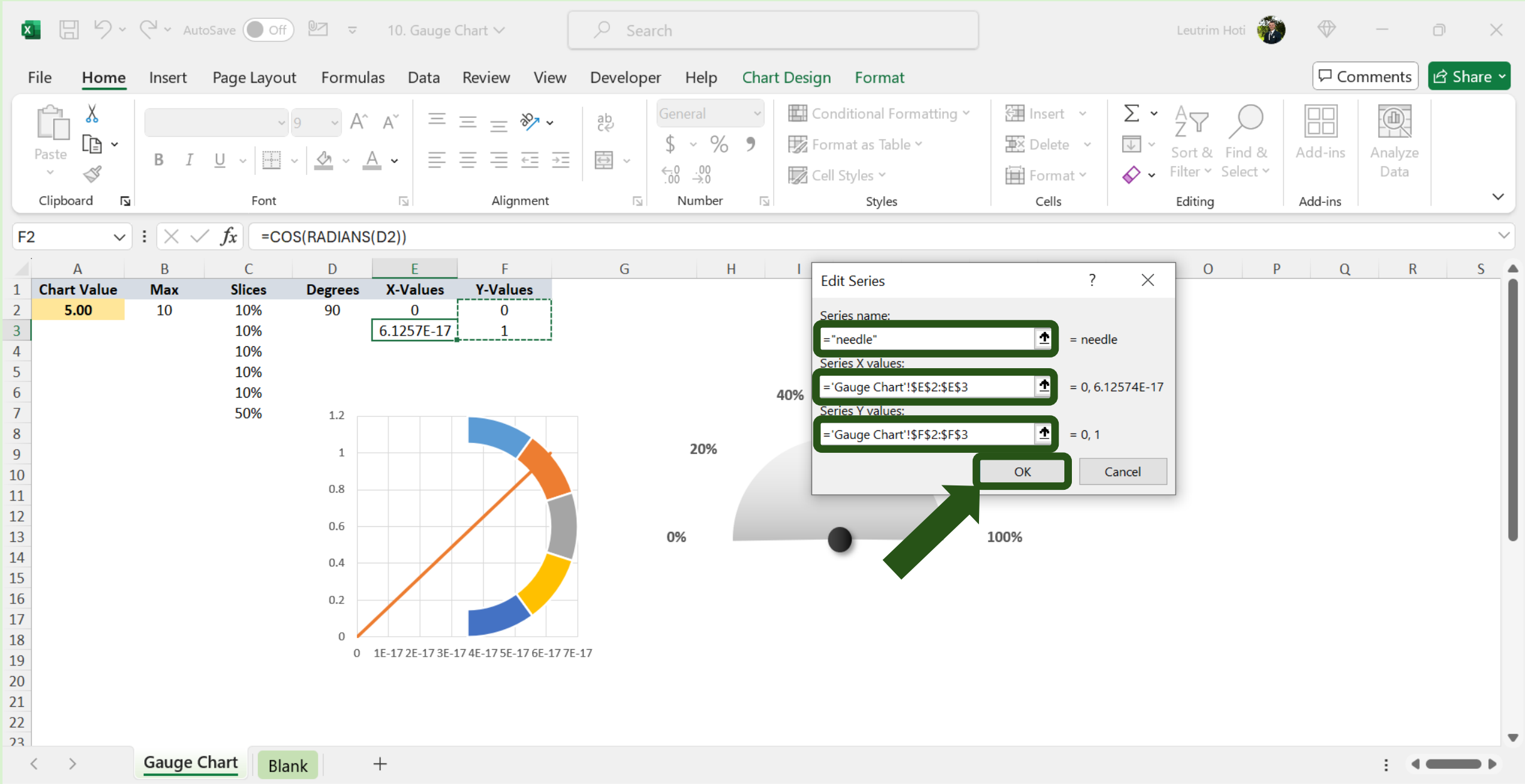
Step 17: Right-Click, Select Data



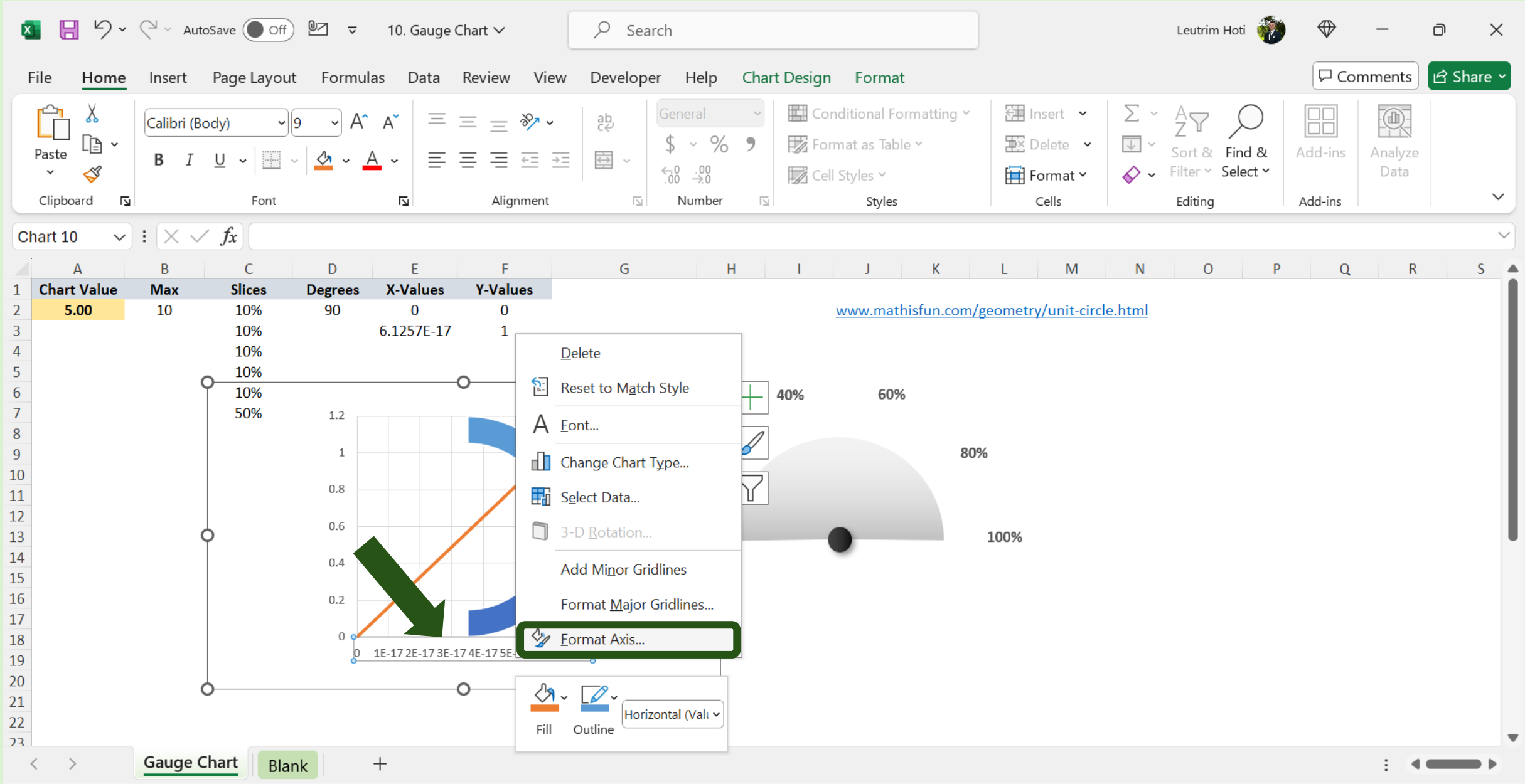
Step 18: Select Needle, Edit Series, Press OK



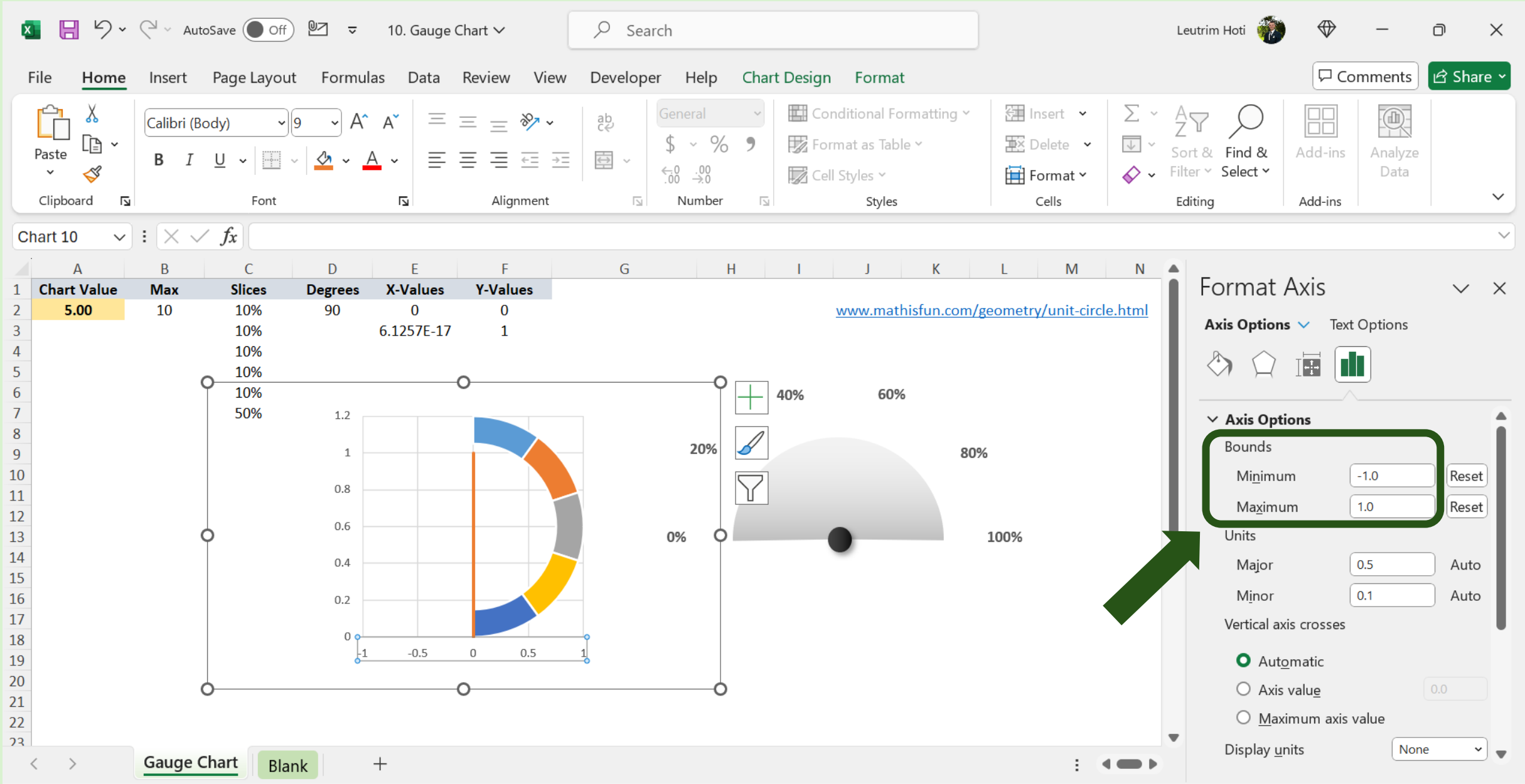
Step 19: Edit Series, Press OK



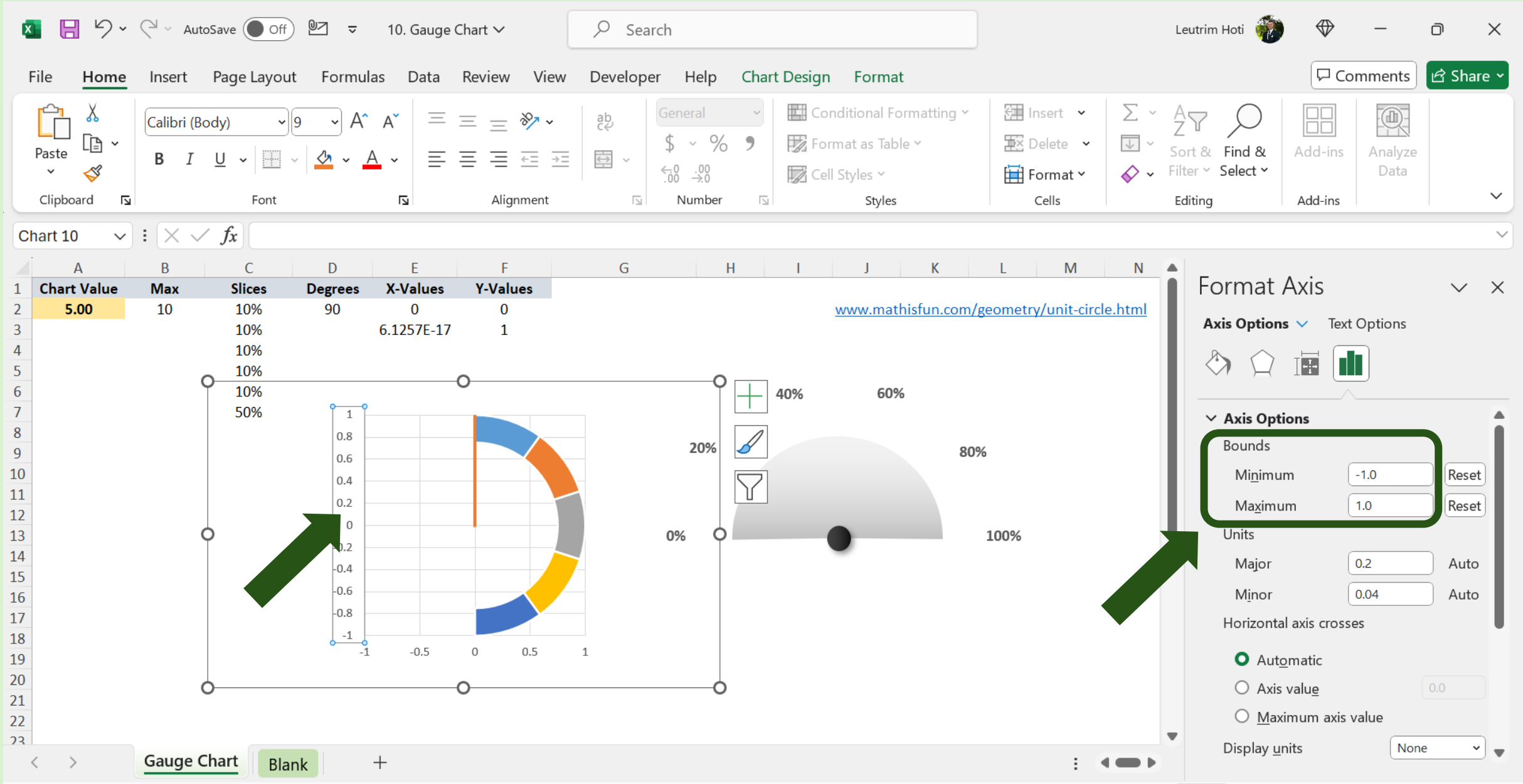
Step 20: Right-Click X-axis, Format Axis



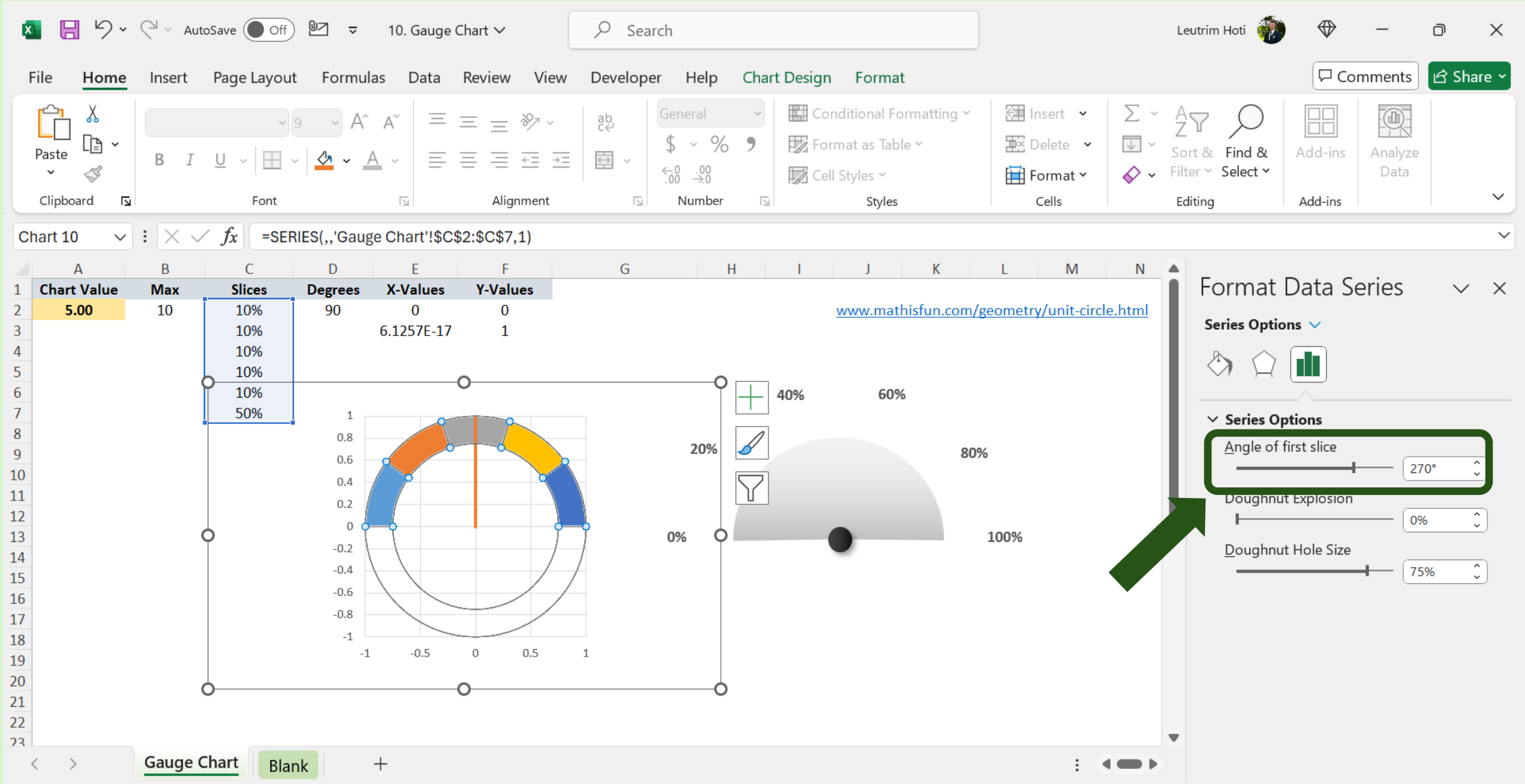
Step 21: Edit Bounds



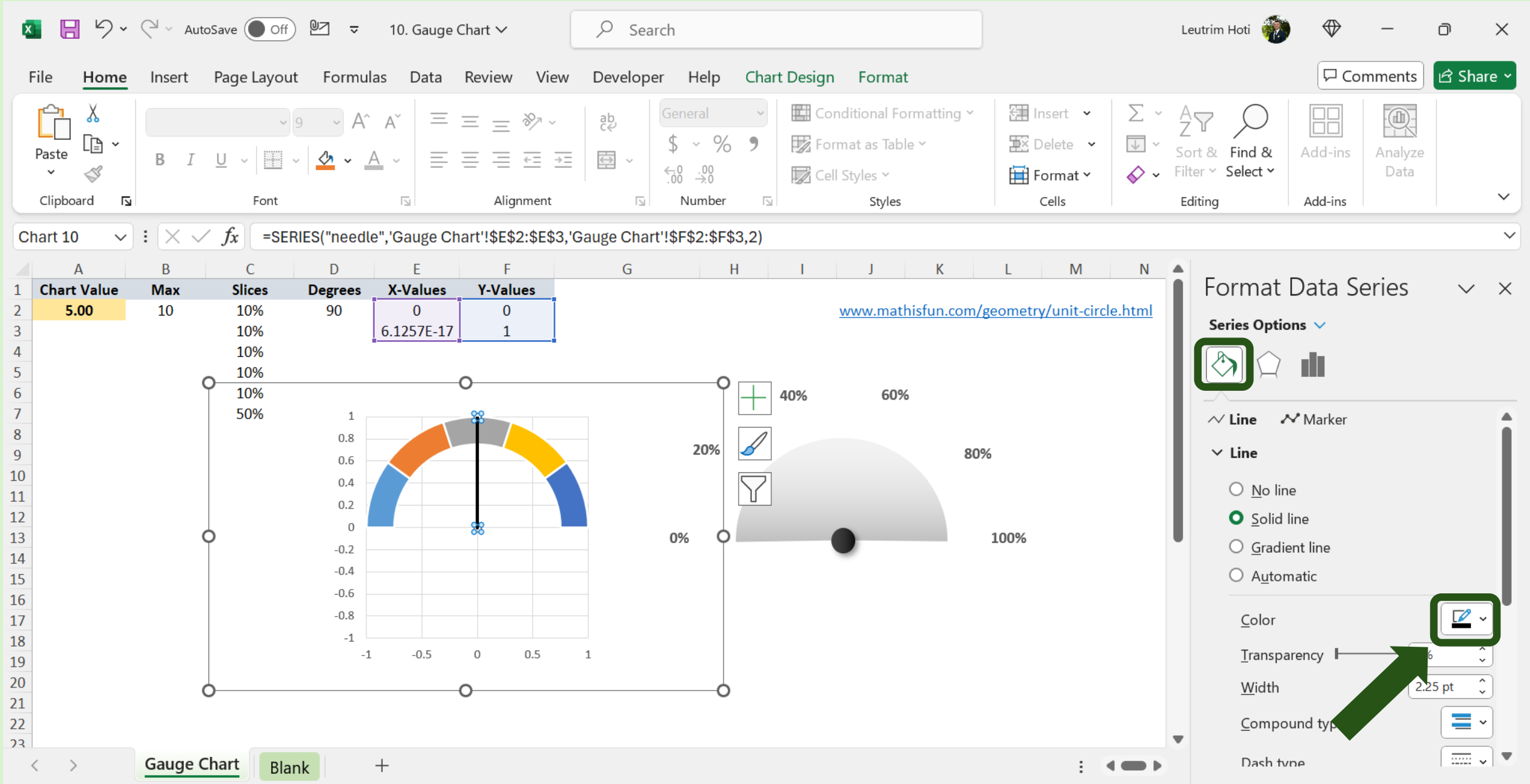
Step 22: Edit Y-Axis Bounds



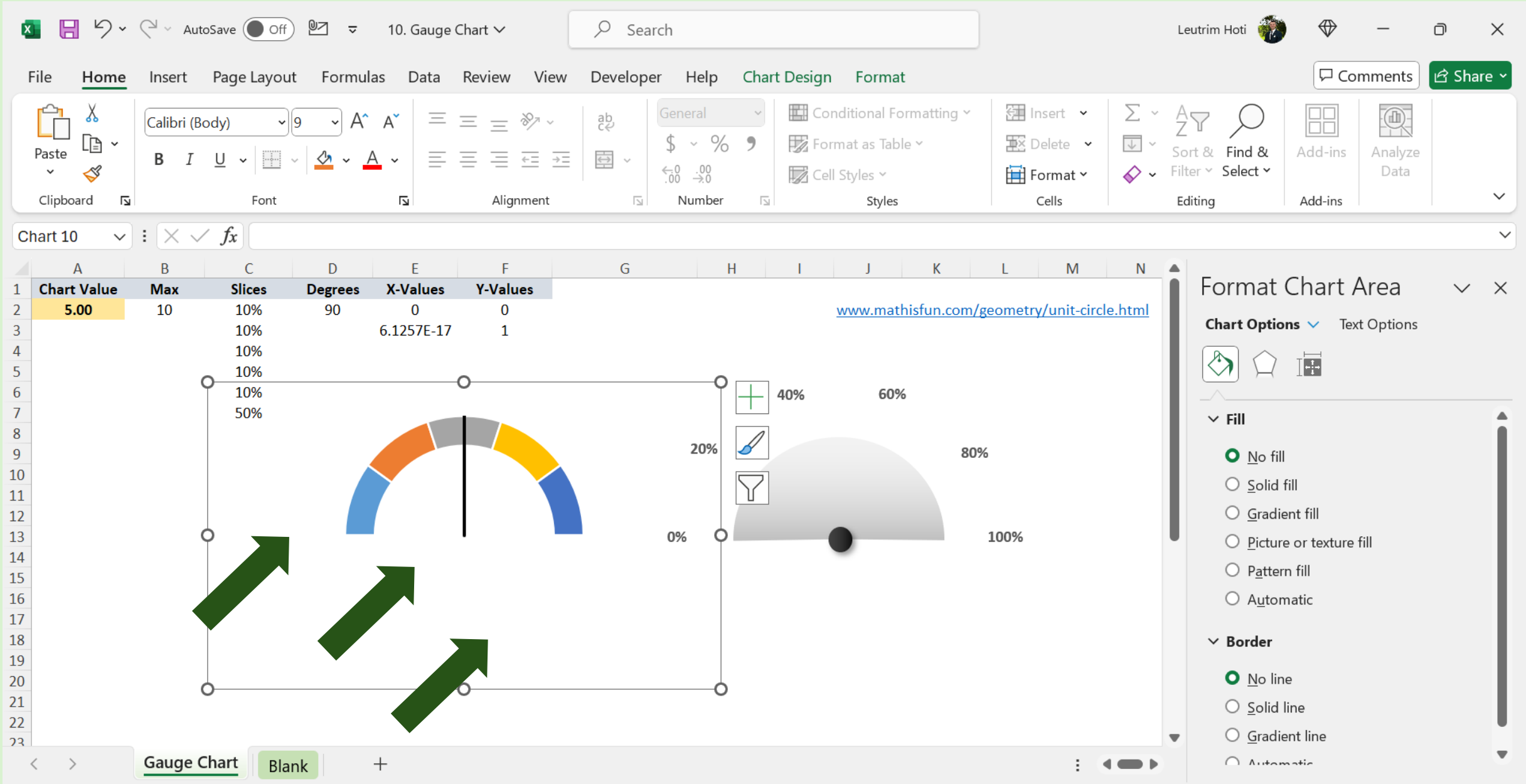
Step 23: Edit Angle Of Slice to 270 degrees



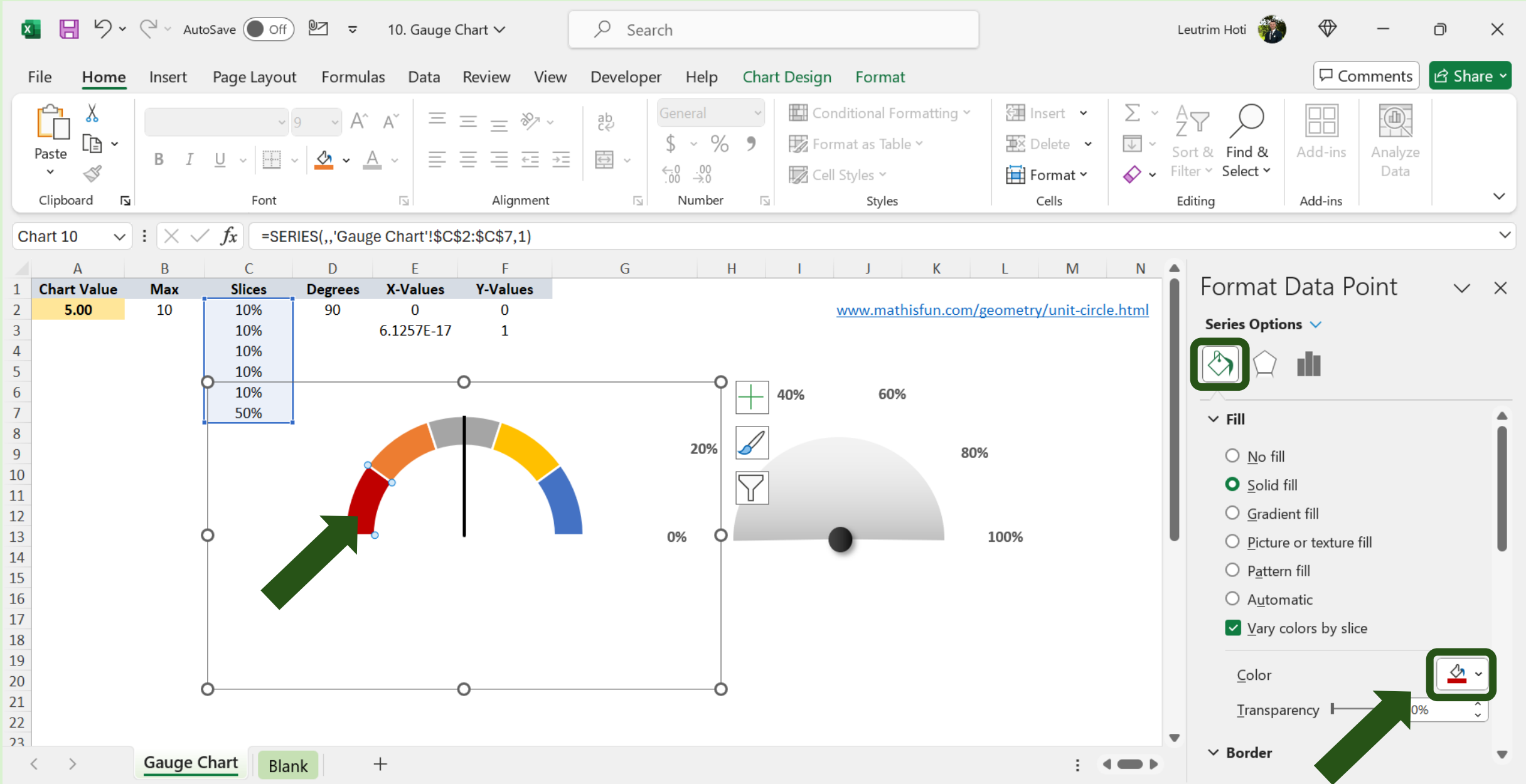
Step 24: Click Needle, Edit Color



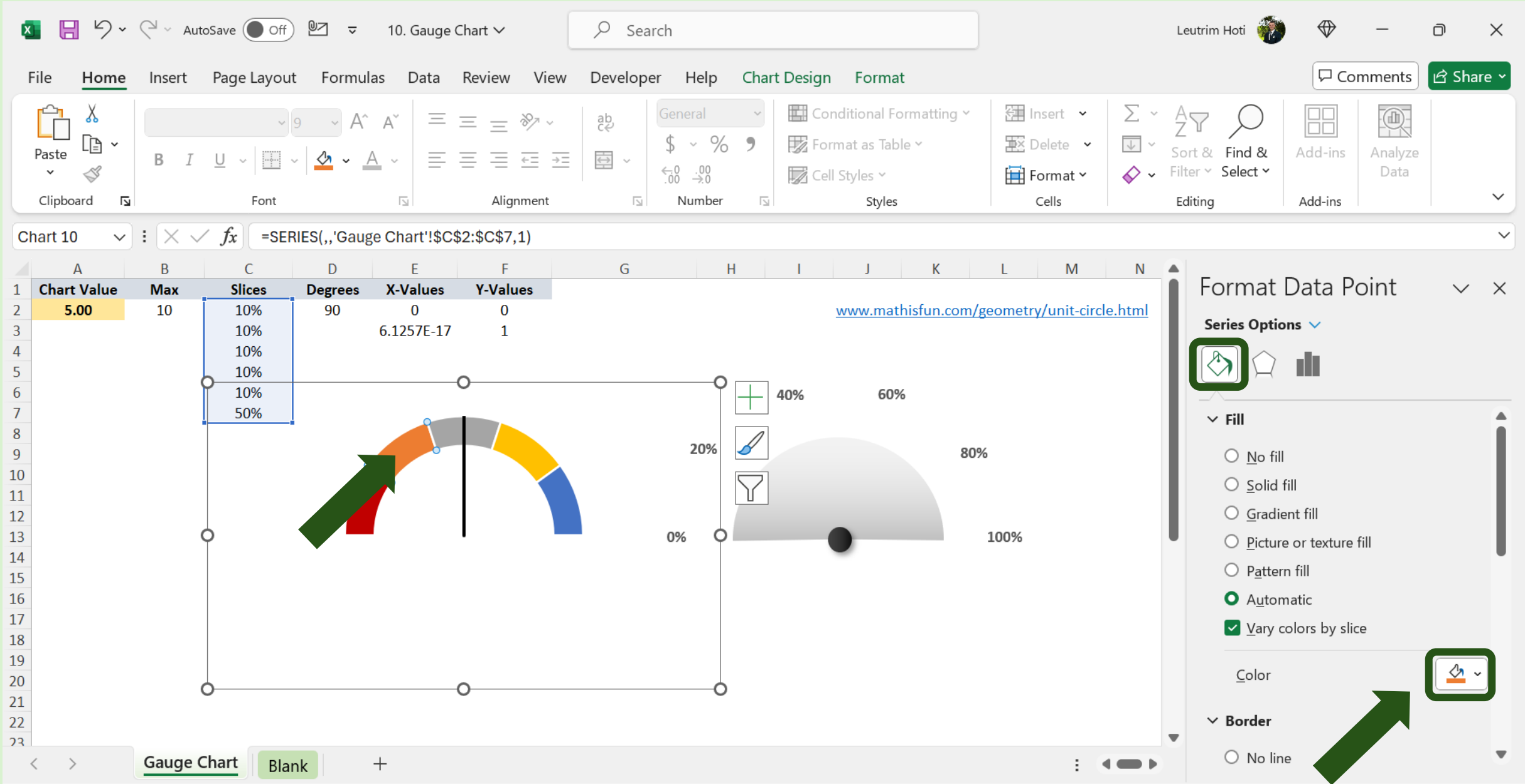
Step 25: Delete X-Axis, Y-Axis and Area



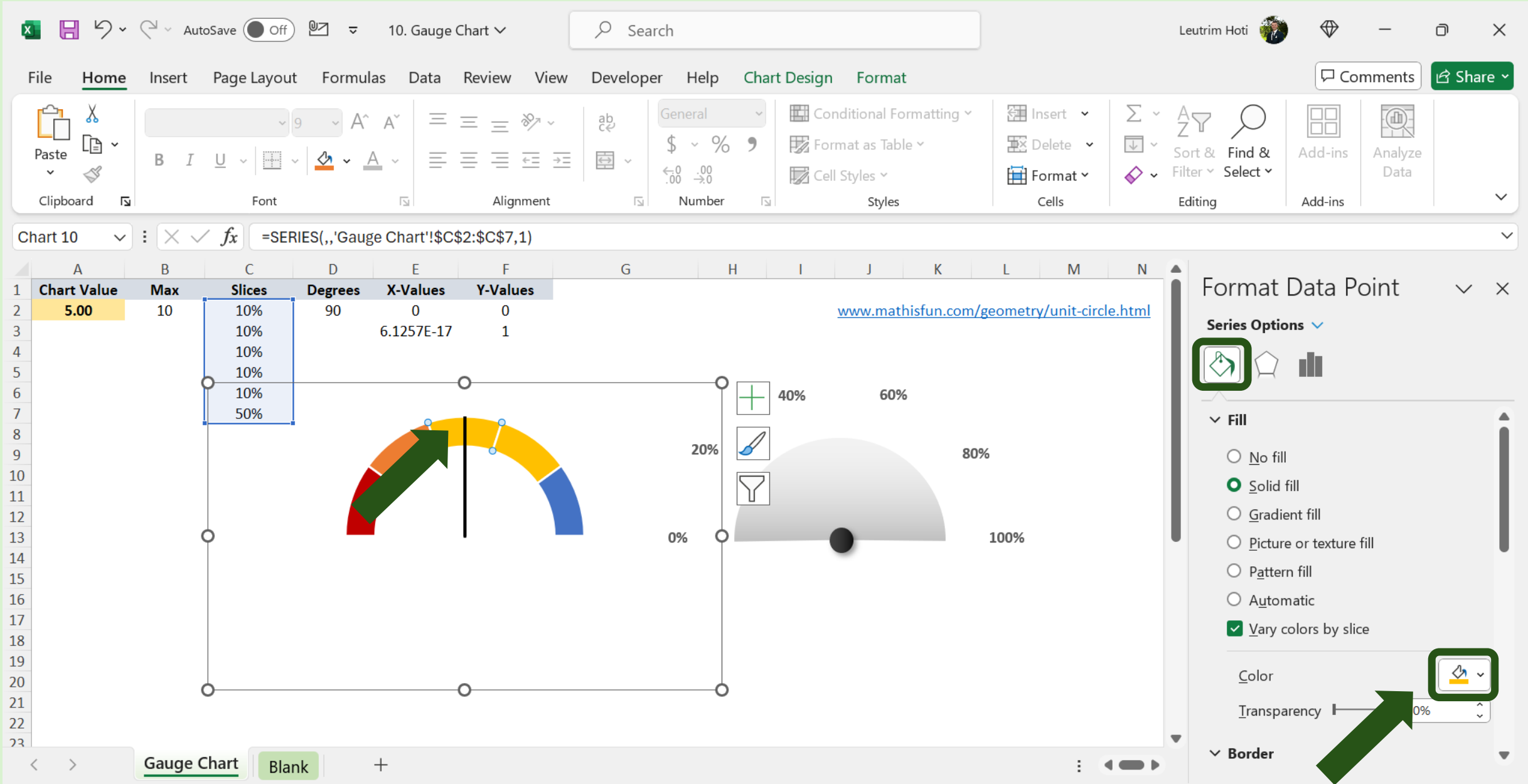
Step 26: Select Series, Edit Color



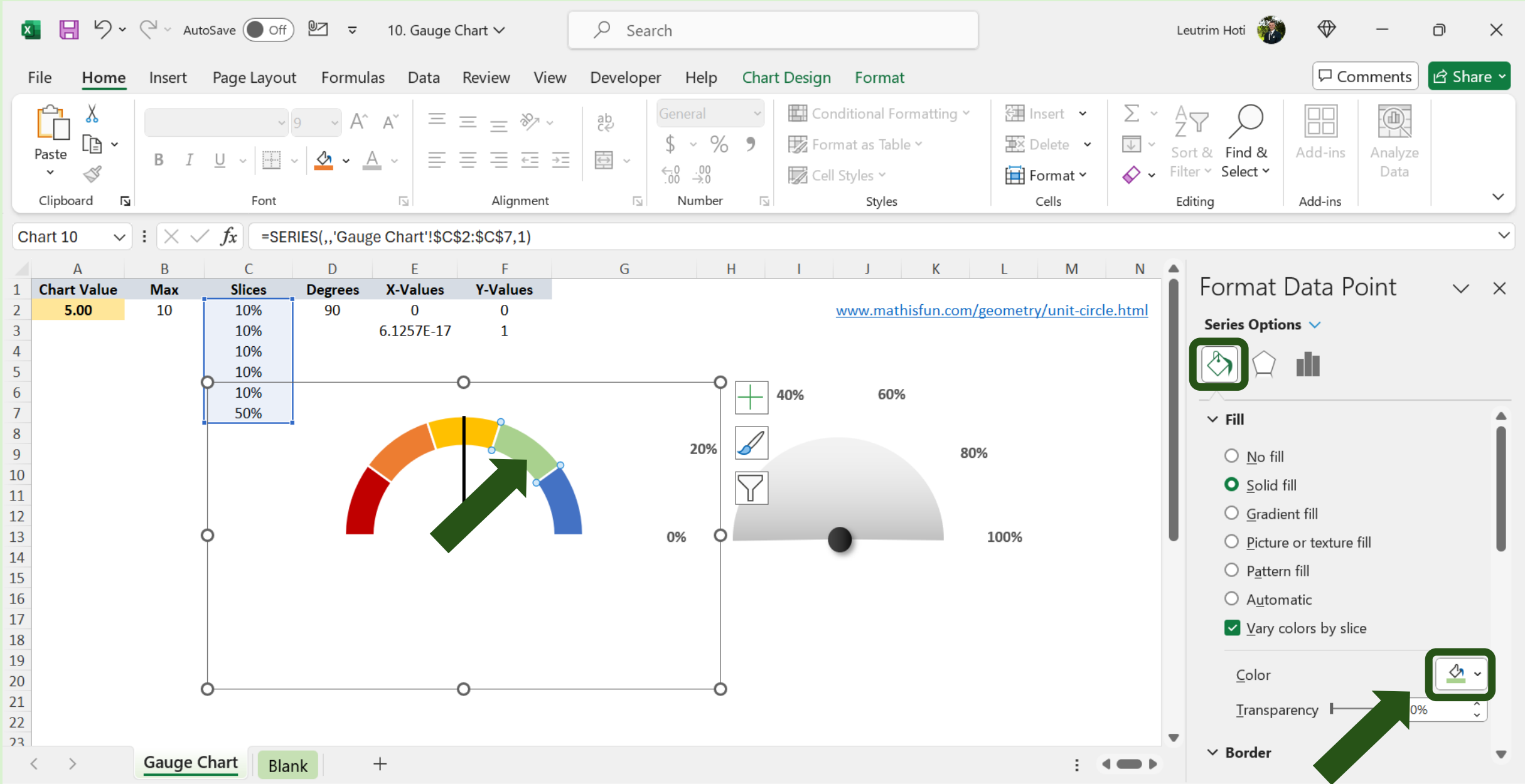
Step 27: Select Series, Edit Color



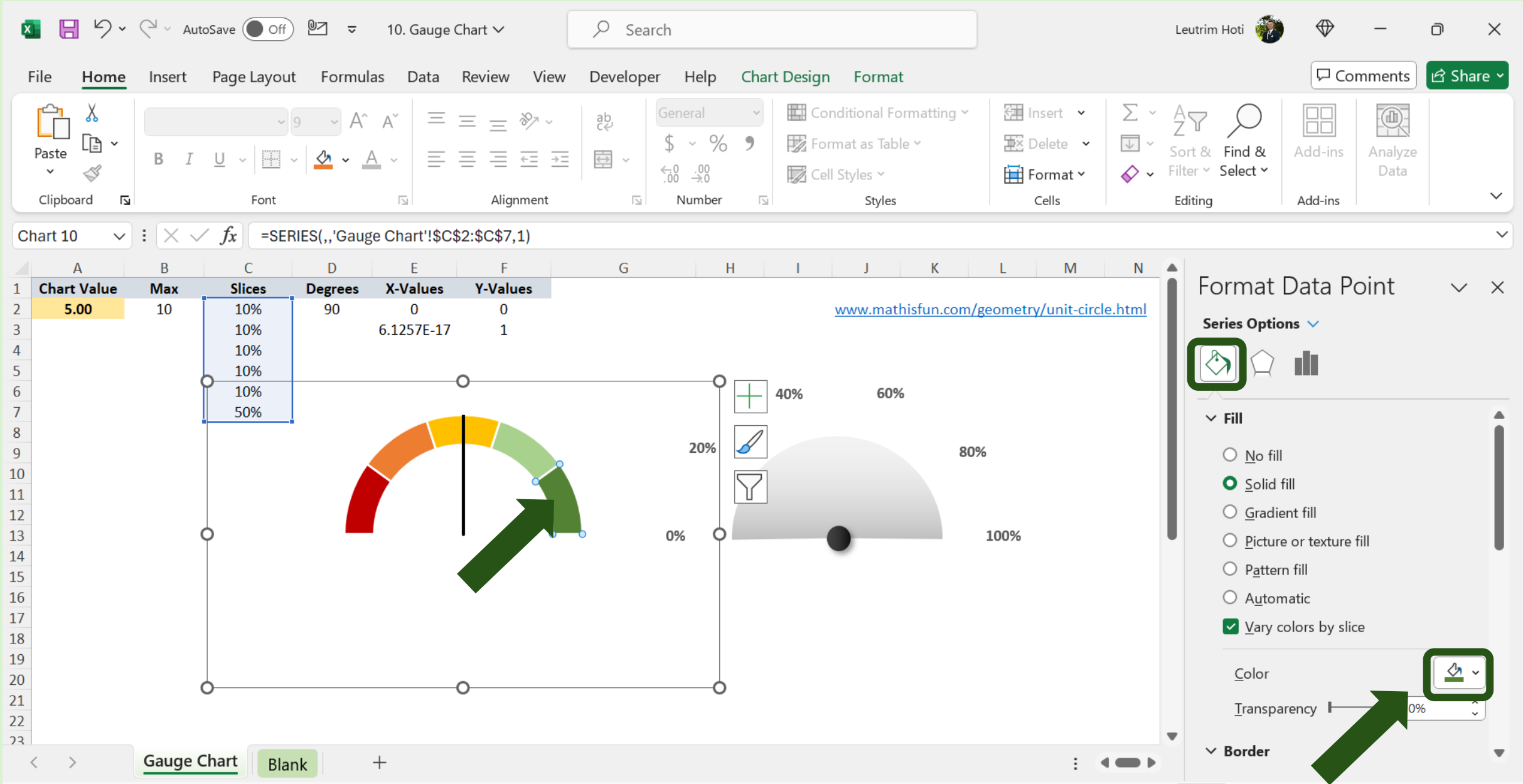
Step 28: Select Series, Edit Color



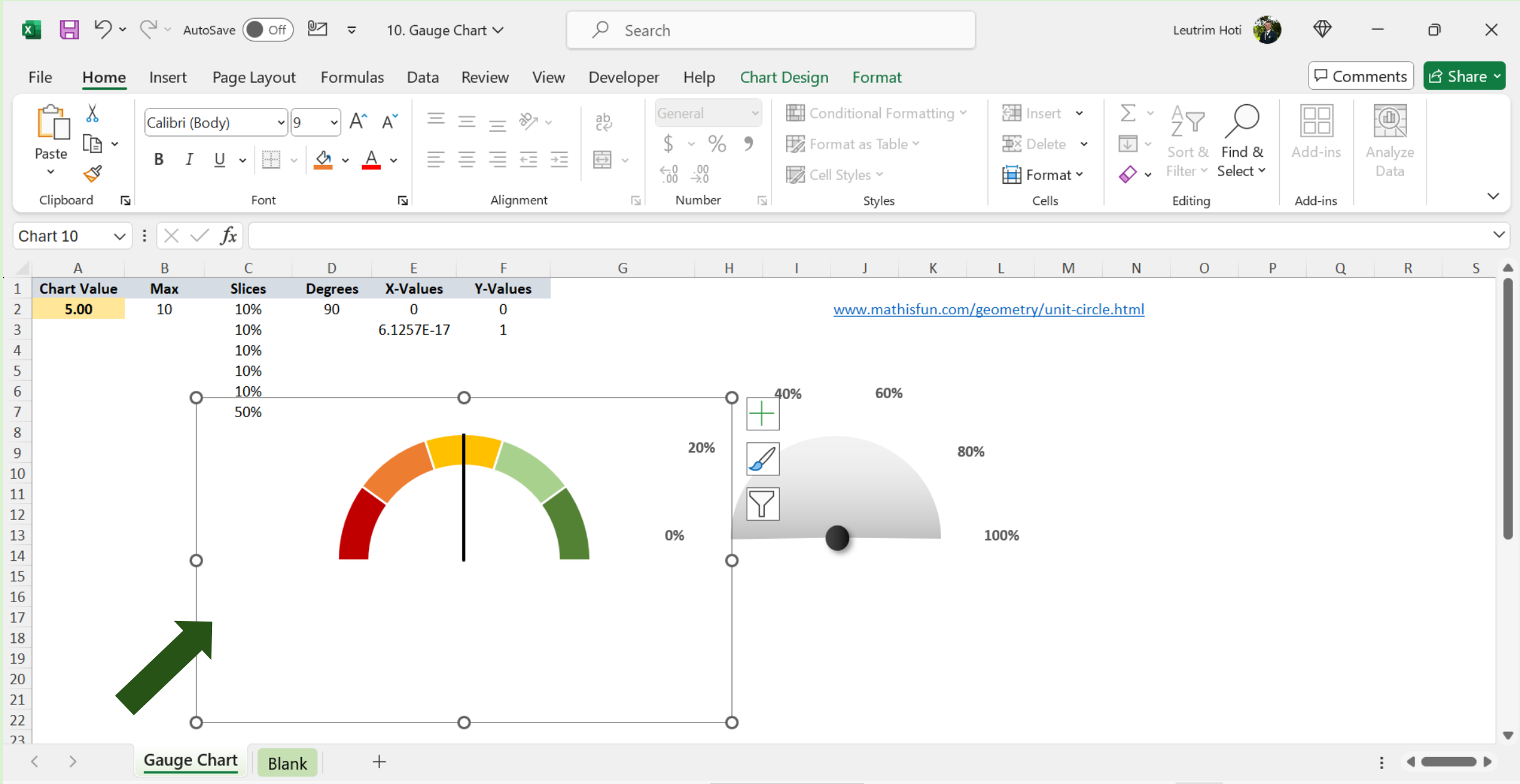
Step 29: Select Series, Edit Color



Step 30: Select Series, Edit Color



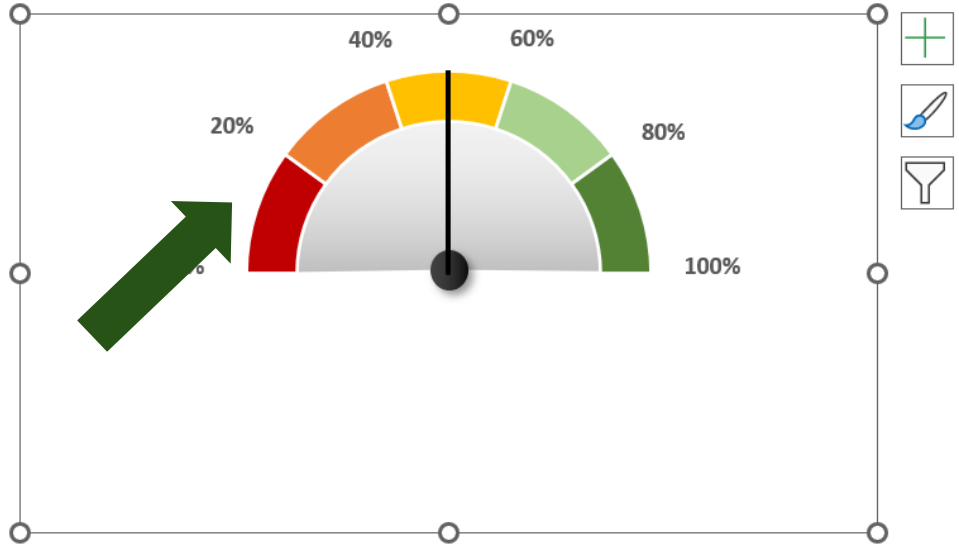
Step 31: Edit Chart Size To Fit The Gauge



Step 32: Drag Chart, Put Above The Gauge

Chart Value	Max	Slices	Degrees	X-Values	Y-Values
5.00	10	10%	90	0	0
		10%		6.1257E-17	1
		10%			
		10%			
		10%			
		50%			

www.mathisfun.com/geometry/unit-circle.html



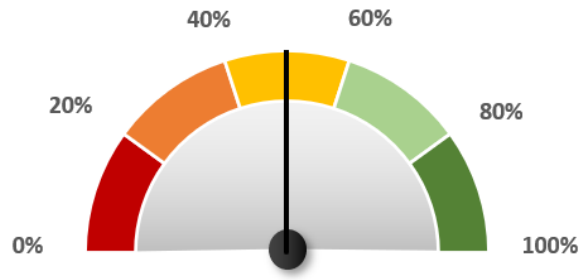
Gauge Chart | Blank

Step 33: Put "-" COS & RADIANS Function

	A	B	C	D	E	F
1	**Chart Value**	**Max**	**Slices**	**Degrees**	**X-Values**	**Y-Values**
2	**5.00**	10	10%	90	0	0
3			10%		-6.126E-17	1
4			10%			
5			10%			
6			10%			
7			50%			

E3: =-COS(RADIANS(D2))

www.mathisfun.com/geometry/unit-circle.html



Gauge Chart | Blank

Step 34: Change Value, Make Sure It Works

	A	B	C	D	E	F
1	Chart Value	Max	Slices	Degrees	X-Values	Y-Values
2	9.00	10	10%	162	0	0
3			10%		0.95105652	0.309016994
4			10%			
5			10%			
6			10%			
7			50%			

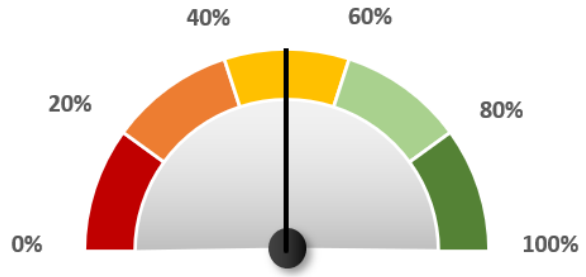
www.mathisfun.com/geometry/unit-circle.html

Gauge Chart | Blank

Step 35: Completed

	A	B	C	D	E	F
1	**Chart Value**	**Max**	**Slices**	**Degrees**	**X-Values**	**Y-Values**
2	**5.00**	10	10%	90	0	0
3			10%		-6.126E-17	1
4			10%			
5			10%			
6			10%			
7			50%			

www.mathisfun.com/geometry/unit-circle.html



Gauge Chart | Blank