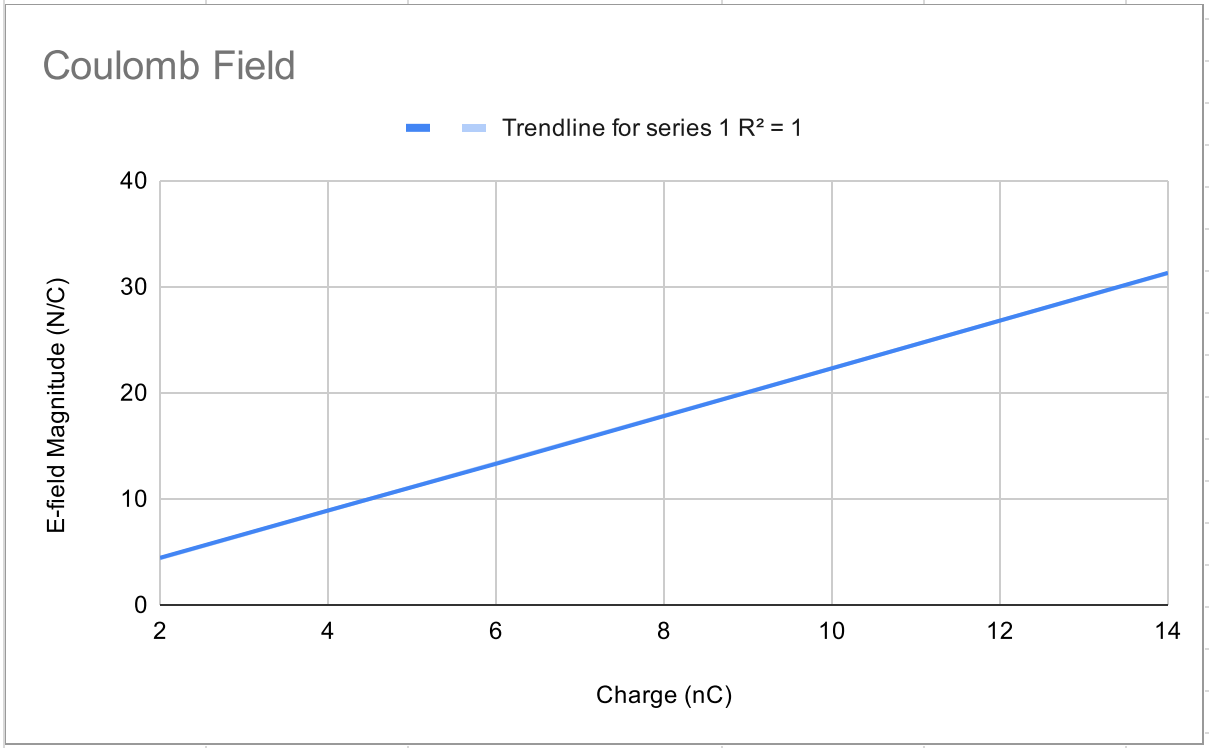
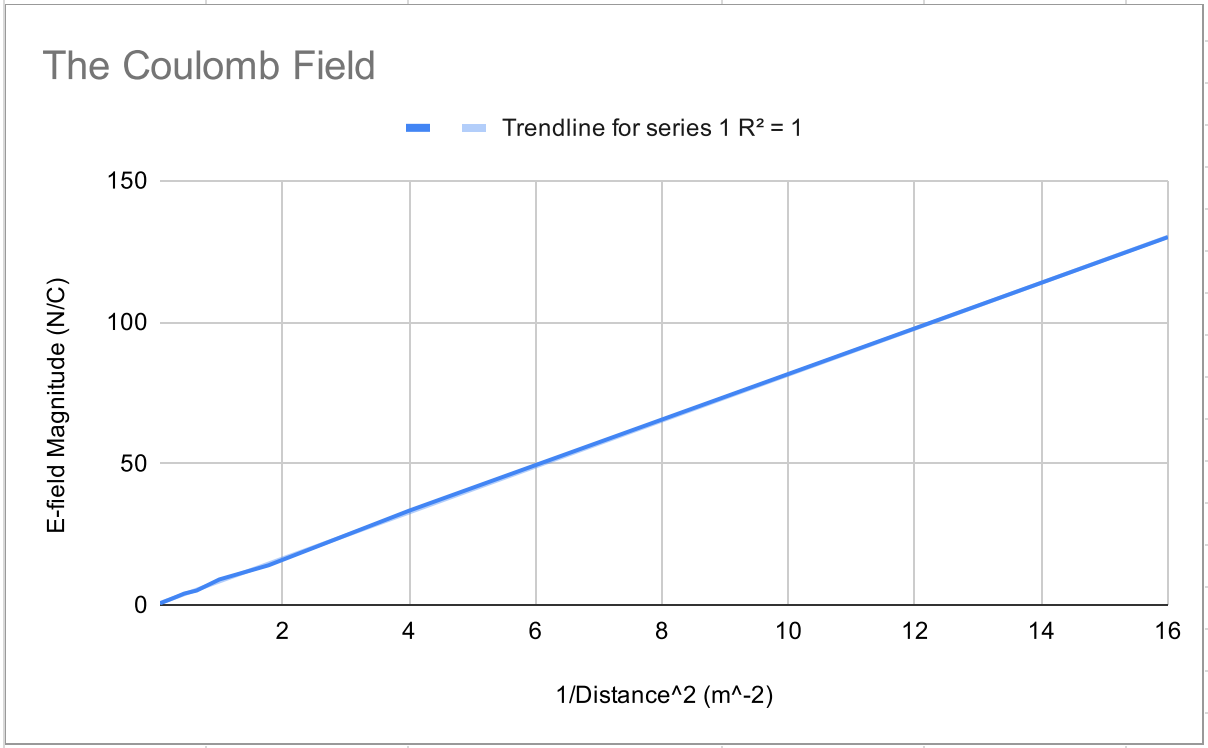
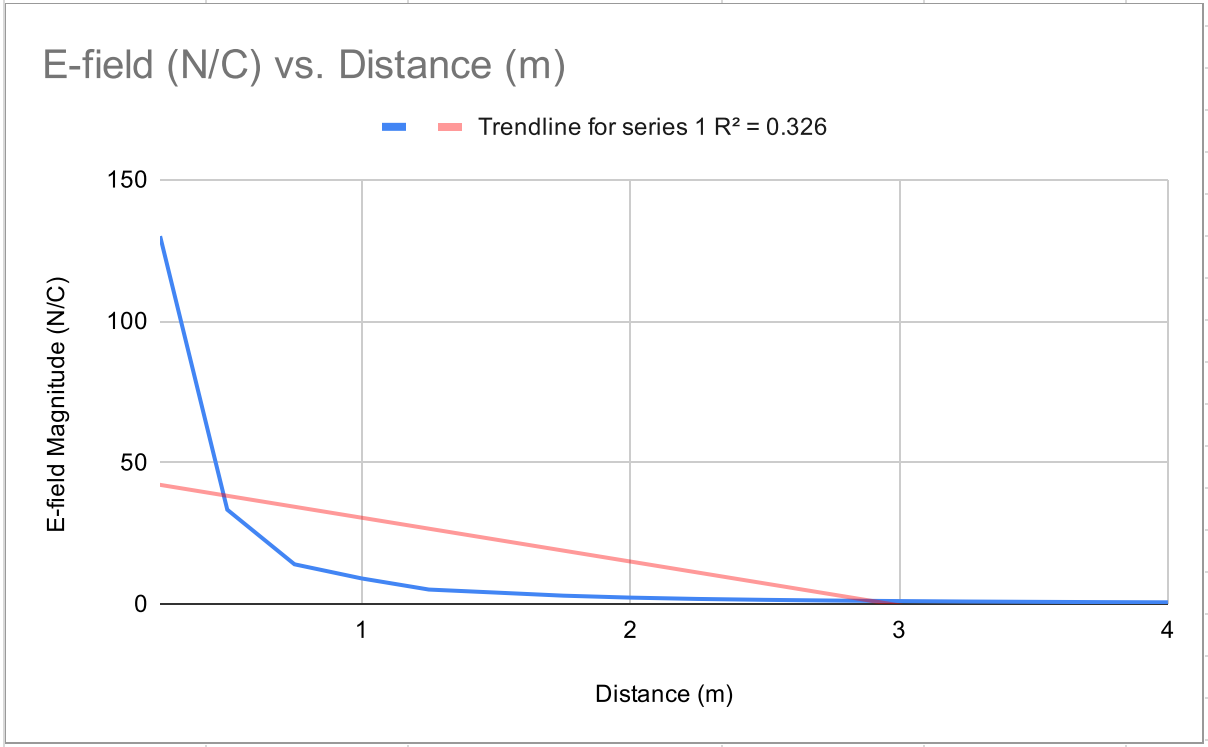
Distance (m)	E-field (N/C)	1/Distance^2 (m^-2)	E-field (N/C)		
0.25	130	16	130		
0.5	33.3	4	33.3		
0.75	14	1.777777778	14		
1	9	1	9		
1.25	5.07	0.64	5.07		
1.5	4	0.4444444444	4		
1.75	2.91	0.3265306122	2.91		
2	2.22	0.25	2.22		
2.25	1.75	0.1975308642	1.75		
2.5	1.43	0.16	1.43		
2.75	1.18	0.132231405	1.18		
3	1	0.1111111111	1		
3.25	0.84	0.09467455621	0.84		
3.5	0.73	0.08163265306	0.73		
3.75	0.63	0.07111111111	0.63		
4	0.56	0.0625	0.56		
Charge (nC)	E-field (N/C)				
2	4.44				
4	8.9				
6	13.3				
8	17.8				
10	22.3				
12	26.8				
14	31.3				


Coulomb Field
Trendline for series 1 R² = 1
E-field Magnitude (N/C)
40
30
20
10
0
2
4
6
8
10
12
14
Charge (nC)


The Coulomb Field
Trendline for series 1 R² = 1
150
100
50
0
E-field Magnitude (N/C)
2
4
6
8
10
12
14
16
1/Distance^2 (m^-2)


E-field (N/C) vs. Distance (m)
Trendline for series 1 R² = 0.326
150
100
50
0
E-field Magnitude (N/C)
1
2
3
4
Distance (m)