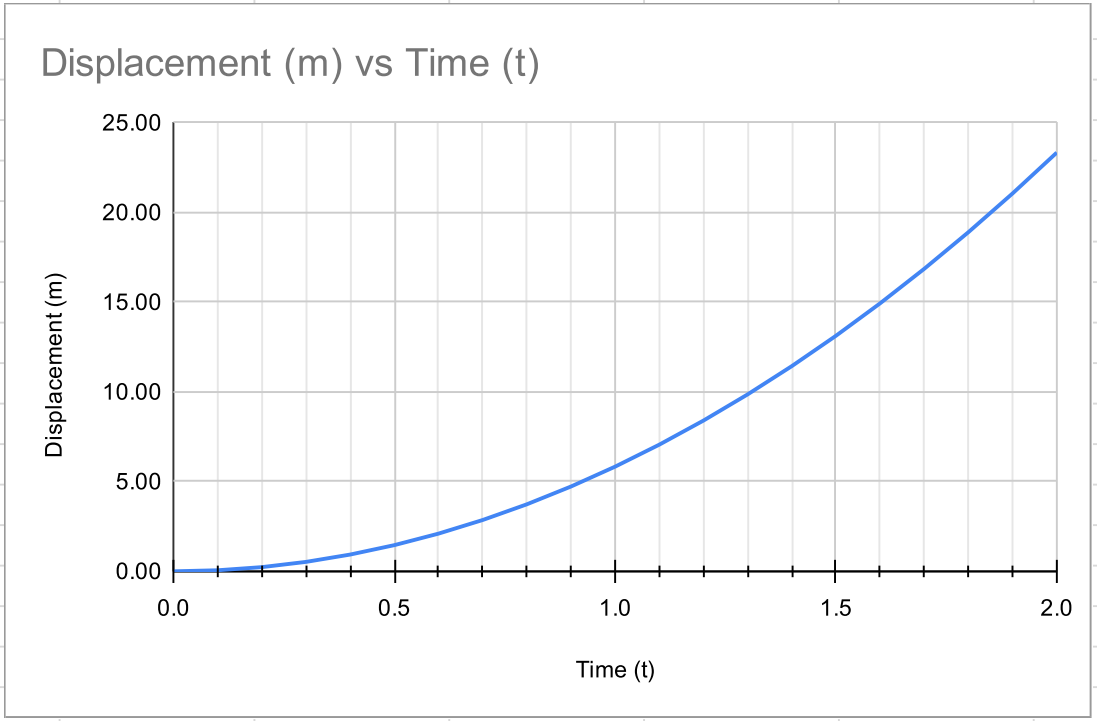
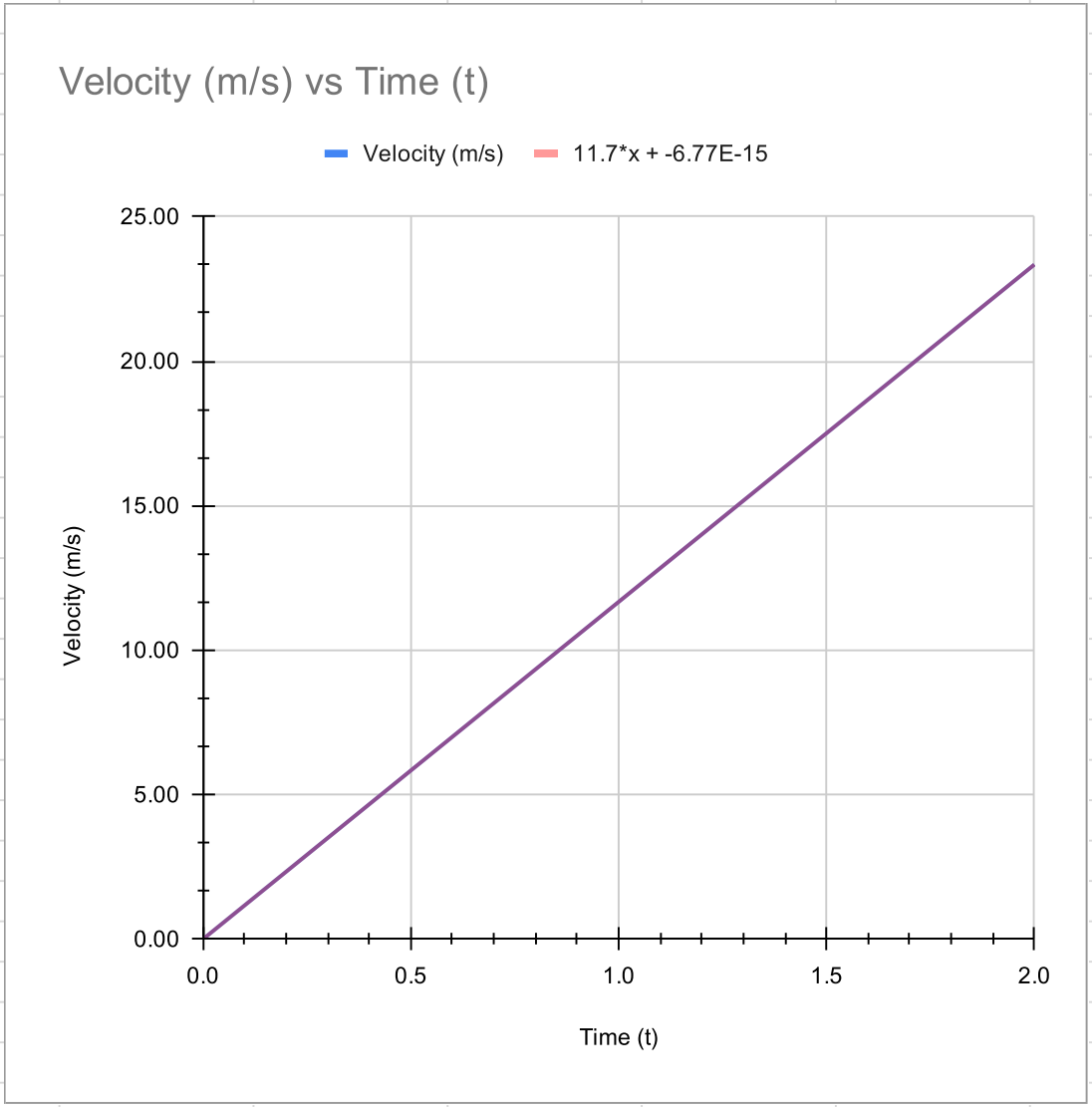
Variable	Value
Vi =	0
Vf =	
a =	11.67

Dispacement & Velocity Data Table

Time (t)	Displacement (m)	Velocity (m/s)
0	0.00	0.00
0.1	0.06	1.17
0.2	0.23	2.33
0.3	0.53	3.50
0.4	0.93	4.67
0.5	1.46	5.84
0.6	2.10	7.00
0.7	2.86	8.17
0.8	3.73	9.34
0.9	4.73	10.50
1	5.84	11.67
1.1	7.06	12.84
1.2	8.40	14.00
1.3	9.86	15.17
1.4	11.44	16.34
1.5	13.13	17.51
1.6	14.94	18.67
1.7	16.86	19.84
1.8	18.91	21.01
1.9	21.06	22.17
2	23.34	23.34




Velocity (m/s) vs Time (t)
Velocity (m/s)
11.7*x + -6.77E-15
25.00
20.00
15.00
10.00
5.00
0.00
Velocity (m/s)
0.0
0.5
1.0
1.5
2.0
Time (t)