

1 • Results

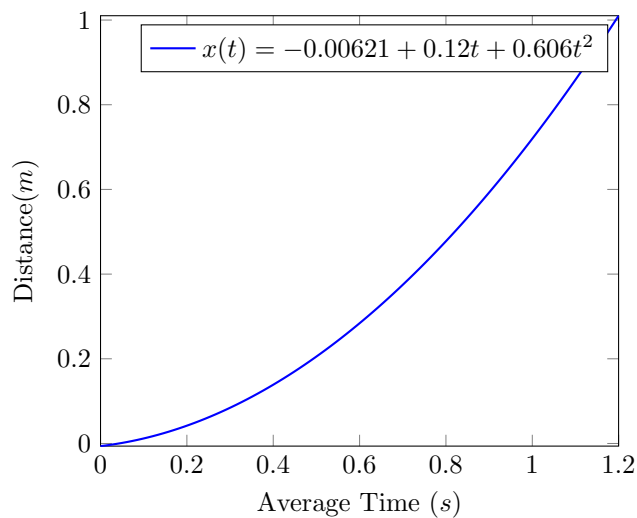


Figure 1: The average time of three trials it took the cart to travel each distance, along with a polynomial approximation $x(t)$ of the position function of the cart.

2 • Plan Statement

3 • Procedure

4 • Data

Distance (m)	Trial 1 Time (s)	Trial 2 Time (s)	Trial 3 Time (s)
0.050000	0.000000	0.000000	0.000000
0.100000	0.030000	0.050000	0.060000
0.150000	0.060000	0.090000	0.090000
0.200000	0.080000	0.120000	0.110000
0.250000	0.110000	0.140000	0.130000
0.300000	0.130000	0.150000	0.150000
0.350000	0.150000	0.170000	0.160000
0.400000	0.180000	0.190000	0.180000
0.450000	0.220000	0.200000	0.190000
0.500000		0.220000	0.200000
0.550000		0.230000	0.220000
0.600000		0.250000	0.230000
0.650000		0.260000	0.240000
0.700000		0.280000	0.260000
0.750000		0.290000	0.270000
0.800000		0.310000	0.280000
0.850000			0.290000

5 • Analysis