

In-class exercise 07

In the Table below, we have 3 data points of $f(0)=1$, $f(1)=3$, and $f(3)=35$

x	0	1	3
$f(x)$	1	3	55

What is the function of the polynomial $P_2(x)$? What is the interpolated value at $x=0.5$ and $x=2.0$?

Let's first work by hand and then by coding.