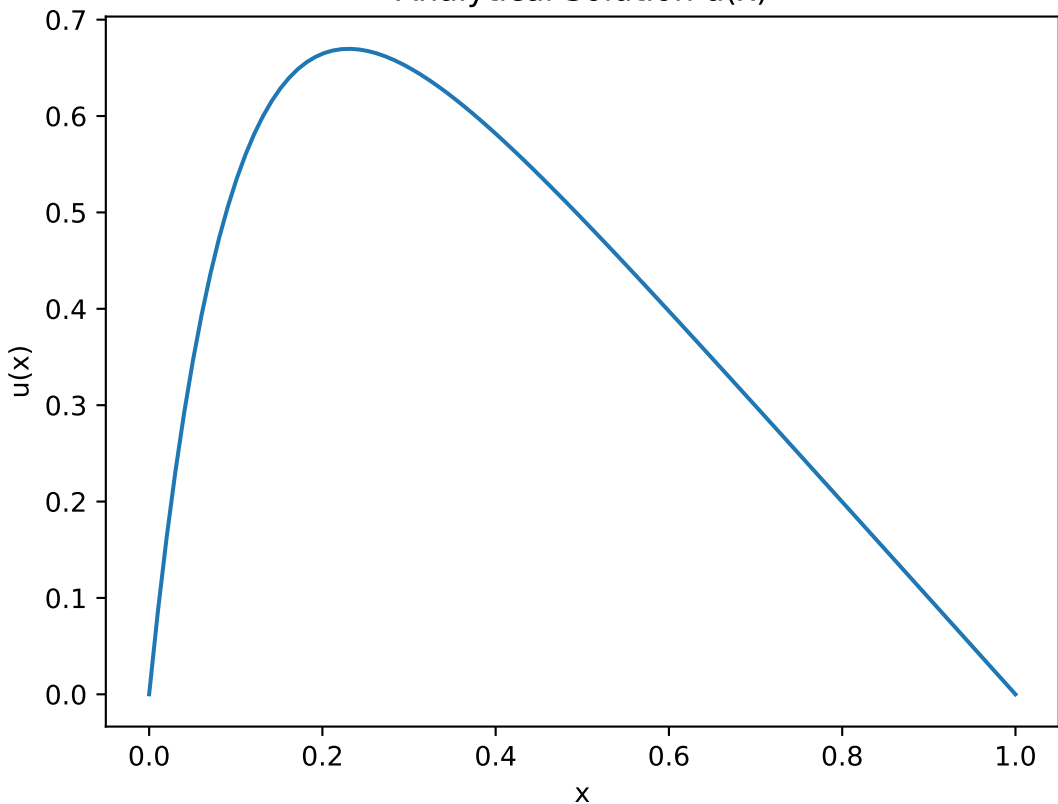


Analytical Solution  $u(x)$



$u(x) = 1 - (1 - e^{-10})x - e^{-10x}$