DATA 605 - Discussion 13

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## Chapter 7 Sec 4 Exercise 5

Find the arc length of the function on the given interval.

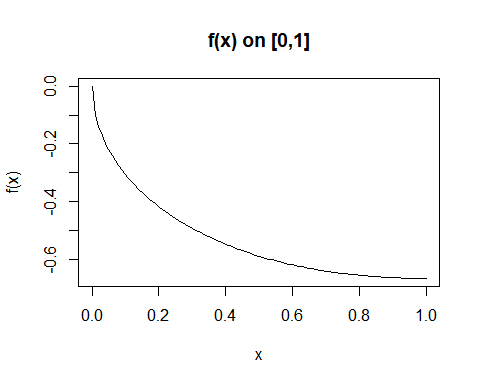
on

### Define Function

func <- function(x) 1/3 \* x^(3/2) - x^(1/2)

### Plot

x <- seq(0,1,0.01)  
plot(x,func(x), type="l",  
 xlab="x", ylab="f(x)", main="f(x) on [0,1]")



### Solution