

Applied Datamining: Homework #2

Due on Wednesday, September 6, 2017 5:00P

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September 5, 2017

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Problem 1

Listing 1 shows R script that graphs a function $f(x) = (1 + 1/x)^x$ at points $x = 1, 6, 11, \dots, 200$. The graph is saved to plot2.png.

Listing 1: Sample R Script With Highlighting

```
x <-seq(1, 200, by=5)
y <- (1 + 1/x)^x
png("plot2.png")
plot(x, y)
5 dev.off()
```

Problem 2

This is the graph from Problem 1.

