week1

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2023-08-03

Your R Markdown content here

Here's an example algorithm using LaTeX:

Algorithm 1 Example Algorithm

Require: $n \geq 0$
Ensure: $y = x^n$
1:   $y \leftarrow 1$
2:   **for** $i = 1$ to n **do**
3:     $y \leftarrow y \times x$
4:   **end for**
5:   **return** y