

# Sample Document Generated by Pito

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# --- Section 1 : Introduction --- This document demonstrates the integration of LaTeX syntax and Pito dynamic functions. You can combine text with mathematical expressions seamlessly using double dollar blocks.

$$E = mc^2$$

# --- Section 2 : Equation Demo --- The Scaled Dot-Product Attention formula is:

$$\text{Attention}(Q, K, V) = \text{softmax}\left(\frac{QK^T}{\sqrt{d_k}}\right) V$$

# --- Section 3 : Content Include --- # --- Component: testfile.pto ---

This is content from **components/testfile.pto**.

It demonstrates that # --- Nested Component Example --- This is a nested include! It proves that the include system works recursively in Pito. # --- End Nested Component --- works correctly and can also contain LaTeX markup like this:

$$f(x) = \int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}$$

You can also call functions here: This is something! You sent me this: from testfile.pto

# --- End of component ---

# --- Section 4 : Generated Data --- **[Table generated from data/results.csv]**

# --- Section 5 : Conclusion --- This section summarizes the main points and findings of the document.

*Rendered with Pito*