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*Callysto: an educational resource for data analytics and computational thinking*

The ability to process information in an analytical way will be in high demand as students enter the digitally skilled future. Because of this, mathematics educators of all levels are now feeling the pressure to incorporate more coding, computational thinking and data analytics into their curricula.

Callysto (<https://callysto.ca>) is a university-level analytics platform, capable of big data processing, data visualizations, math equations, and text formatting. This educational resource is cost-free, easy to use, and only needs a web browser to operate.

In this interactive presentation, we'll provide demonstrations of the Callysto technology (known as a Jupyter Notebook) and share stories of Callysto being used to reach undergraduate students, high school students, and high school teachers.

We look forward to explaining how Callysto enables us to "go broad" by discussing how this web-based platform can reach students of all levels, and "go narrow" by providing specific open access resources to the CMS community.

Callysto is a joint project of Cybera and the Pacific Institute for the Mathematical Sciences, funded through the CanCode initiative.

This talk will be co-presented with Ben Klaff and Michael Lamoureux from the Pacific Institute of Mathematical Sciences.