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Building the new Banff: an open-source data editing system based on GSDEM concepts.

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The Banff team is pleased to announce that an open-source version of the Banff system will be released as a Python package in early 2025. This includes Python versions of the existing Banff data editing functions (previously released as SAS procedures) as well as an overhauled version of the Banff processor. The processor has been redesigned from the ground up, based on concepts from the [Generic Statistical Data Editing Model](#) (GSDEM), and includes new features such as user-specified process controls.

A key component of the system is its modular nature; users can construct process flows from a combination of the built-in Banff modules or custom ones. To demonstrate this feature, we will share some examples of custom Banff modules calling open-source data editing packages such as [validate](#) and [VIM](#). This presentation will include a software demonstration highlighting Banff's new features.