

Background
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Biogen manufacturing operators use statistical models created in SIMCA by overlaying live batch data and comparing it to previous batches, allowing for quick identification of out-of-trend processes. Engineers can also use the data to identify possible process improvements.

Currently, operators are using models built with data from years-old batches. When current data is overlaid on them, the two appear misaligned, resulting in possible misidentification of process issues. My responsibility was to build new models from current data in order to rectify this issue.