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Data flow and processing at LHCb

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The Large Hadron Collider beauty (LHCb) experiment at CERN is dedicated to exploring CP violation, b-hadron physics, physics beyond the Standard Model, and various other research areas. LHCb relies on intricate data flow mechanisms and distributed computing systems to handle the massive amounts of data produced from proton-proton collisions. This presentation provides an overview of the data flow architecture and data processing method at LHCb in the past and on-going runs.

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