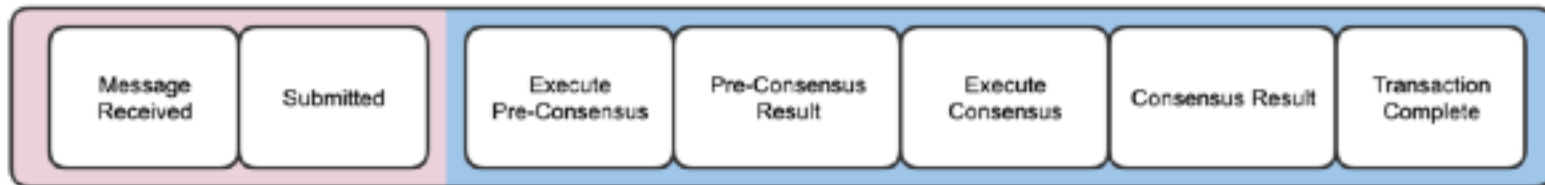# Pipeline Programming Model

Aviator applications are developed using an event-driven programming model called the pipeline. Every transaction follows the same pre-determined event flow.

| Message Received | Submitted | Execute Pre-Consensus | Pre-Consensus Result | Execute Consensus | Consensus Result | Transaction Complete |

Pipeline Programming Model

Events are issued as transactions move from one stage to the next. Applications listen for these events in order to take action or report status for a given transaction.