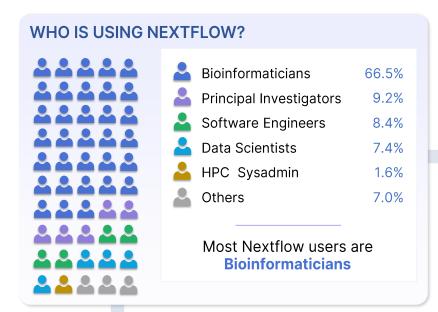
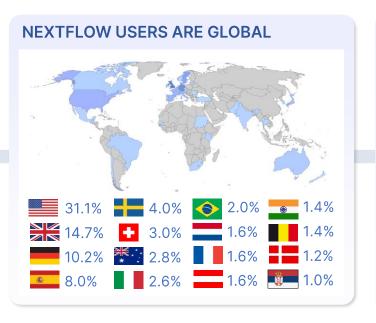
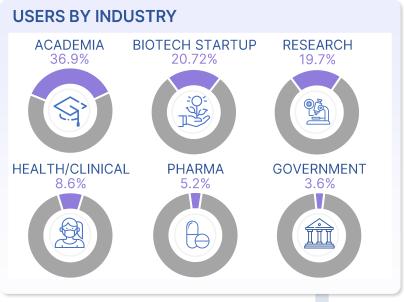


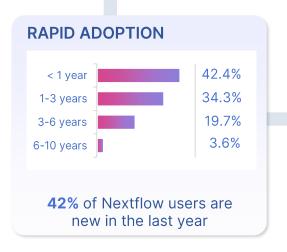
# State of the Workflow 2023 – USERS AND DEMOGRAPHICS



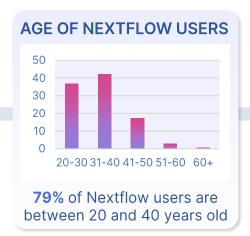


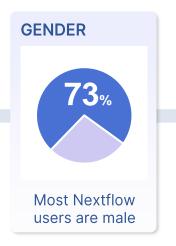












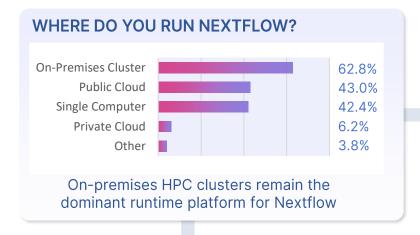


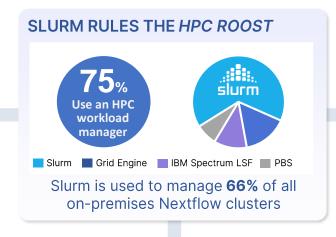


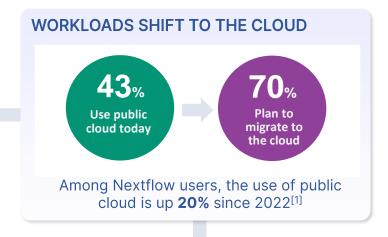


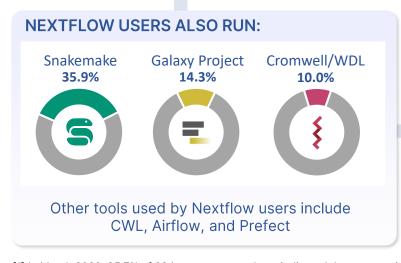
### State of the Workflow 2023 - CLUSTER & CLOUD EXECUTION

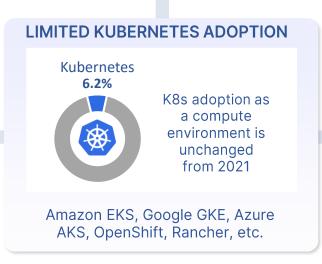


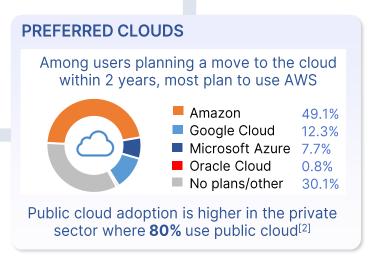












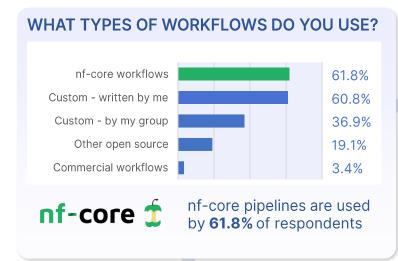
[1] In March 2022, 35.7% of 384 survey respondents indicated they were using the public cloud. In March 2023, 502 respondents, 43% are using public cloud – a 20% increase [2] Includes 170 of 401 respondents who self-identified as being in Biotech startups, Pharmaceutical companies, or healthcare/diagnostics/clinical care. Of these, 136 use public cloud.

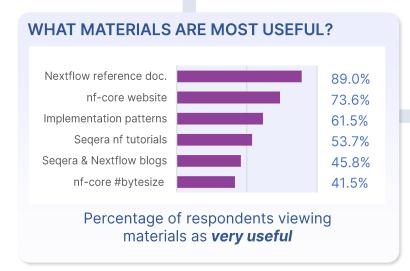


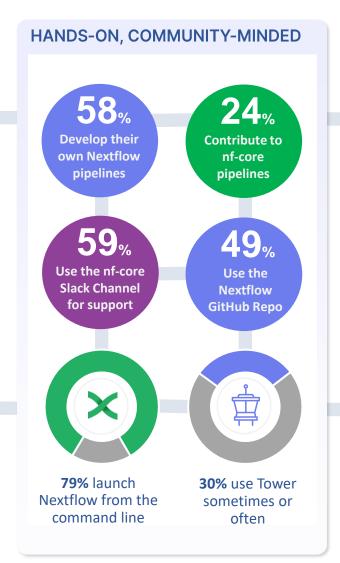


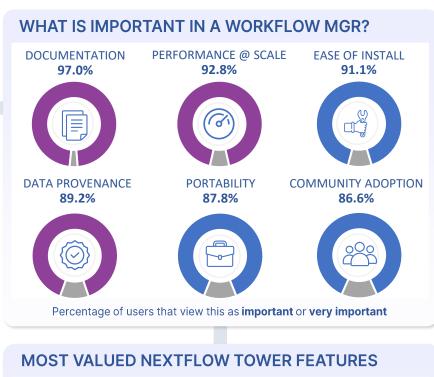
### State of the Workflow 2023 - COMMUNITY & NF-CORE

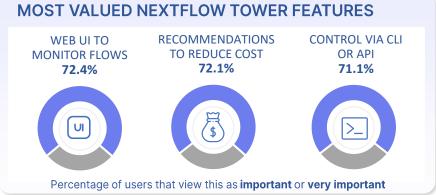










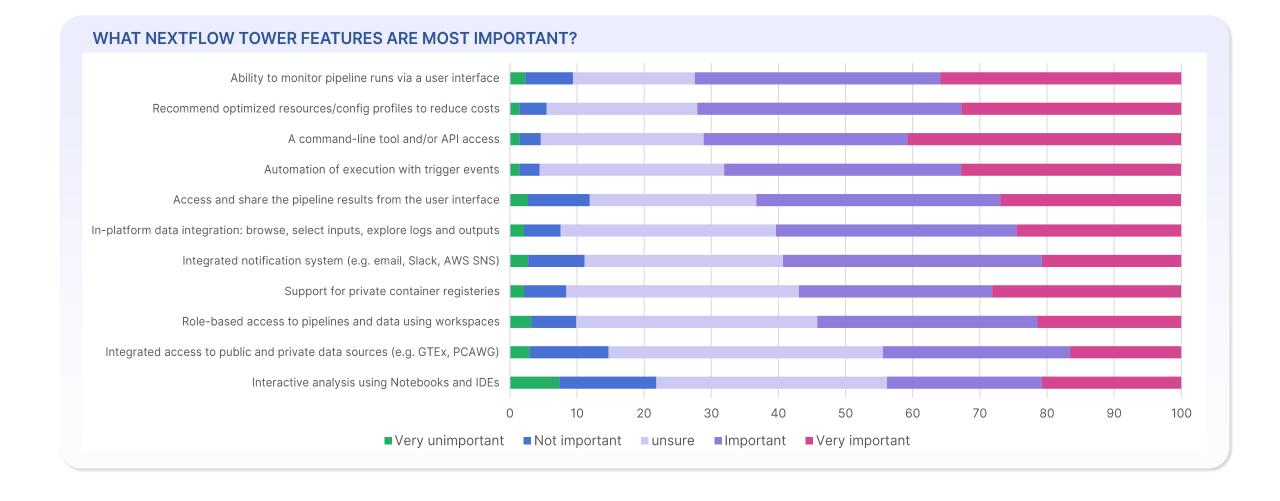






## State of the Workflow 2023 – IMPORTANT FEATURES









### State of the Workflow 2023 – IMPORTANT FEATURES



