

Resource Summary Report

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edX Learner and Course Analytics and Visualization Pipeline

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Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.be9ijh4e>

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Summary: The edX Student and Course Analytics and Visualization Pipeline is analytics and visualization pipeline using edX course database and user logs, written in R to 1) to extract and process student users and performance data, course structures and event logs; 2) create learner trajectory networks of use and pathways through course content and activity modules; 3) analyze the students use of course content modules; and 4) aggregate student performance and interaction measurements for a given course.

Affiliations: Indiana University at Bloomington, Indiana University at Bloomington, The Boeing Corporation, The Boeing Corporation

External URL: <https://github.com/cns-iu/edx-learnertrajectorynetpipeline>

Version: 5

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