

Feature requests from GitHub Python projects

Task - 1

- description
- test cases
- related artifacts

Task - 2

- description
- test cases
- related artifacts

Task - 3

- description
- test cases
- related artifacts



Task evenly and randomly assigned to participants



consent + instructions + install web browser plugin

practice task

- read artifacts
- submit solution
- highlight text deemed helpful

control task

- read artifacts
- submit solution
- highlight text deemed helpful

tool-assisted task

- read artifacts
- submit solution
- highlight text deemed helpful
- + feedback on usefulness of text highlighted by the tool

demographics + wrap-up



control group

- # of attempts
- # of passing test cases
- text highlighted

tool-assisted group

- # of attempts
- # of passing test cases
- text highlighted
- ratings for tool detected text

Validate and compare data within and between groups