

Saral Kadam Researcher

Saral Kadam have recently completed a qualitative pre-pilot (with 200 children) and is now conducting a quantitative pilot (with atleast 300 students). The program is supported by a lecturer at UCL's (University College London) Institute of Education and a neuroscience lab at University of Cambridge's Cognitive Brain Science Unit.

Timeframe: All year round

Location: Online

Responsibilities

The current project has three major data sets and you would help analyse, create visuals and write a report based on one of them. The three data sets are:

- a) Qualitative data- the qualitative data was collected in the prepilot along with very basic supporting quantitative data (especially on attendance). The pilot study will conduct interviews with teachers conducting the sessions and students that dont do well in the module.
- b) Quantitative data- the pilot study will collect pre-, post and delayed post tests with the intervention and control (regression discontinuity design). We are also considering collecting data on behavioural measures using a teacher survey.
- c) Cognitive measures- an app based platform is being used to collect changes in executive functions, general cognitive ability, problem solving skills, literacy and numeracy. The app collects multiple measures of the cognitive abilities; the raw data is processed by the cognitive brain science unit researchers, however, we will need to process and analyse the data. The intervention could lead to cognitive improvement or could explain differential intervention outcomes.

Qualifications

This program is for final year undergraduate students, post-graduate students, pass-outs and working professionals.

- a) Have qualitative or quantitative data analyses skills
- b) Should possess strong communication (written and oral) and time management skills.
- c) Prior volunteering experience or experience with data collection with NGOs although not required is preferred
- d) There is a preference for social science majors (especially if they chose to work with the qualitative data)

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- e) There is a preference for cognitive scientists, psychologists and neuroscience majors to work on the cognitive measures