



BUREAU OF STATISTICS

Data Analysis Competition

IN OBSERVANCE OF CARIBBEAN STATISTICS DAY 2023

ENTRY REQUIREMENTS

- The competition is open to all current students of the University of Guyana
- Employees of the Bureau of Statistics and their immediate family members are NOT permitted to participate

PRIZES

1st Place- Trip for 2 to Kaieteur Falls sponsored by the Guyana Tourism Authority and an opportunity to participate in training with the Bureau of Statistics

2nd Place- Dinner for two

3rd Place- Supermarket voucher

CONCEPT

Using the Competition Dataset provided under the Data tab on our website at www.statisticsguyana.gov.gy, students are required to conduct all analysis and data visualization deemed necessary and recommend any intervention (s) to improve Education, Health and/or Standard of Living.

COMPETITION DATA

The dataset provided is a subset of a Multiple Indicator Cluster Survey. This is considered Primary Data. The dataset is provided in Microsoft Excel Files.

The Bureau of Statistics in collaboration with the United Nations Children's Fund (UNICEF), conducted a Multiple Indicator Cluster Survey (MICS6) in 2018. This was conducted countrywide, covering households in both urban and rural areas. The sample size of the survey was 8,700 household distributed across the country. The questionnaires collected information on households, women and men age (15-49) years, children under the age of 5 and children 5-17 years.

The Questionnaires used during the Survey can be found at <https://statisticsguyana.gov.gy/surveys/>

RULES AND GUIDELINES

- Only one submission is allowed per participant
- Participants have the freedom to use any analytical tool with which they are familiar and are responsible for porting the dataset to the analytical tool they choose.
- The use of Artificial Intelligence platforms such as ChatGPT is prohibited
- Submissions will be judged based on Statistical Methodology, descriptive and explanatory writing

SUBMISSION

- The Competition runs from September 5 to 26
- All submissions must be made via email to pro@statisticsguyana.gov.gy
- Submission for evaluation must be in the form of an electronic Microsoft Word Report and must include the following:
 - A cover page with the following information: Title, Name of Participant, Programme, Department, Faculty, Contact Information
 - All relevant analysis inclusive of tabulation properly formatted for an end user consumption
 - Recommendation(s) for any intervention (s) to improve Education, Health and/or Standard of Living
 - References cited in accordance with APA 6th Edition format
- The report should contain between 1000 - 2500 words, excluding references.
 - Brief introduction
 - Brief explanation of statistical analyses chosen
 - Findings (No more than 6 tables, charts, etc.)
 - Discussion (state to which sector your findings apply and discuss what interventions can be made)
 - Conclusion
- The report should be prepared using the Times New Roman font in Size 12, with size 14 for heading, if any; 1.5 spacing, Page Size: Letter
- Shortlisted participants will also be required to prepare, submit, and deliver a 10-minute PowerPoint presentation based on their report.
- Shortlisted participants will also be required to participate in a 5-minute Question and Answer Segment

For more information, contact us on 227-1155 extension 286