



INTELLIGENCE ANALYTICS CHALLENGE 5.0

Every child should have an equitable chance in life and should be protected from violence and exploitation. Every child has the right to learn and live in a clean and safe environment. Each year, UNICEF's flagship publication, The State of the World's Children, closely examines a key issue affecting children.

In this challenge you are expected to find answers and provide recommendations on how to improve the quality of life for children.

DATA DESCRIPTION:

Each year, UNICEF's flagship publication, The State of the World's Children, closely examines a key issue affecting children. The statistics includes the numbers for the following categories:

- Basic Indicators
- Nutrition
- Health
- HIV/AIDS
- Education
- Demographic Indicators
- Economic Indicators
- Women
- Child Protection
- The Rate of Progress
- Adolescents
- Disparities by Residence
- Disparities by household wealth
- Early Childhood Development
- Under-Five Mortality Rankings

You are required to answer all the questions listed below.

QUESTIONS:

1. Identify at least 5 difference **indicators** and connect them to present a hypothesis.
2. Identify the trends for any one of the categories and identify the causal factors.
3. Present at least 5 recommendations to improve the quality of life of the kids.



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SUBMISSION INSTRUCTIONS:

What you should submit?

- **The story:** A graphical representation that reflects the major findings of your data analysis.
 - It can be a static image or an interactive.
 - It can be in the form of charts, diagrams, or an infographic.
- **The background:** A brief description, one single-spaced page or less, describing what's great about your analysis and your graphic.
- **Highlight how your analysis helped you arrive at your conclusions.**
- **Highlight how your graphic illustrates your key findings.**

How you should submit?

- Email your entry to utdallas.ias@gmail.com by **11:59 P.M. March 25, 2019**.
- Attach the graphic and the description as separate files to a single email message with the subject "Entry for IAC- <Team Name>".
- Please ensure the submission is made by **only one member of the team** and with the registered UTD email address.
- Each team can submit up to **3 results until the challenge deadline**. However, the last submission will be considered final.
- The following must be clearly displayed on the graphic and on the one page description:
 - 1) The name of the Challenge (Intelligence Analytics Challenge 5.0)
 - 2) The team name as mentioned in the confirmation email.
- Convert static graphics to PDF format. The one-page description must also be in PDF format. There are free tools that do this, such as PDF Creator.
- Interactive graphics must be self-contained and run without special software on any Windows 10 PC. Web-based graphics must run using the Chrome browser.



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What happens after you submit?

- You will receive a confirmation email acknowledging your entry.
- Finalists will be notified by email on or around **April 4, 2019**.
- Finalists will participate in the final round on **April 11, 2019**.