
Call for Registration

The 2019 Global Analytics Competition

Objective

The Global Analytics Competition (GAC) is a worldwide intervarsity competition aimed at generating innovative analytics solutions that will raise awareness of environmental issues and the importance of its protection in creating sustainable living.

Teams

- Teams of 3 students at the undergraduate or graduate level and an academic supervisor.
- **Note: Each team must have an academic supervisor. Registration details are below.**

Topic

The competition topic will be on environmental issues. Your main task is to apply analytics tools (e.g. Watson Analytics, Power BI, Tableau, IBM Cognos, SAS, YellowFin BI, Rapidminer, etc) and develop innovative analytics-based solutions and recommendations regarding the environmental issue being studied, e.g. climate change, energy consumption, carbon footprint-GDP correlation, greenhouse gas emission, air quality-health impact, etc. Besides the suggested datasets/sources, you may apply any other real-world dataset to illustrate your approach (the different datasets/sources can be combined provided they are real-world data sources).

Some possible datasets/sources:

<http://data.un.org/Explorer.aspx>

<http://data.worldbank.org/topic/environment>

<https://data.oecd.org/>

<http://geodata.grid.unep.ch/>

<http://open-data.europa.eu/en/data/publisher/eea>

<http://www.bom.gov.au/climate/data/?ref=ft>

<https://www.kdnuggets.com/>

<https://www.data.gov/>

Recognition of Participation

- **All teams that submit a solution will receive a certificate and the right to indicate their participation on their resume.**
- **Top 10 finalist teams:** A finalist certificate for each team member and supervisor.
- **Grand final venue** (for the top ten finalist teams): College Park Marriott Hotel & Conference Center, Washington, D.C., USA. Students can present remotely via a web technology (e.g. their submitted YouTube Presentation) or in person. The top three submissions will be selected by all participants at the conference.
- **Grand final date:** June 3 - 4, 2019 in conjunction with the 7th International Big Data and Analytics Education Conference hosted by University of Maryland University College, more info: <https://umuc.edu/BDAedcon19>

Conditions of Participation

Participation: Submissions are welcome from teams of 3 students at the undergraduate or graduate (e.g. US masters programs) / postgraduate (e.g. master programs in UK or Australia) level. The participation of student interdisciplinary teams from all disciplines including, but not limited to, business, analytics, data science, MBA, IT, and information systems is highly desired.

Submission: The submission should include a report (with analytics screenshots commentary, recommendations, etc.) and a 7 to 15 minute video presentation link of the team's solution (to be uploaded to YouTube). Your presentation and report should explain the purpose, recommendations and benefits of your solution. Your report must contain a live link on the first page to the YouTube presentation. Feel free to make reasonable assumptions as needed.

Evaluation criteria: Submissions will be judged based on the creativity of the analytics solution, quality of commentary and recommendations, and expected benefits for users, and relevant stakeholders and organizations. The overall quality of the report and presentation will also be judged. The scoring rubric will be emailed to all teams by December 5.

Sample videos from past year participants:

<https://www.youtube.com/watch?v=goHCWiiYKug>

https://www.youtube.com/watch?v=tfQrM_ae46Y&feature=youtu.be

<https://www.eiseverywhere.com/ehome/372646/794986/>

Due Dates

DUE DATE	TASK
November 30, 2018	Register your team: http://bit.do/eyfTj
February 1, 2019	Report submission: https://tinyurl.com/ybzen4to
March 1, 2019	Top 10 finalist teams announced by email to all registered teams

Organizing Committee

GAC2019 Organizing Committee Co-Chairs:

William Yeoh, Deakin University
Elena Gortcheva, University of Maryland University College
Michael Gendron, Central Connecticut State University

Enquiry: william.yeoh@deakin.edu.au

Join Global Analytics Education Network (GAEN) LinkedIn group (and network with previous participants):
<https://www.linkedin.com/groups/7040568>