

UP-STAT 2019

Data Analytics Competition

Knowledge Discovery from the Audio Sensed Madagascar Forest data

Committee

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Rules of the competition

- A team must be comprised of **at least 3 members** and **at most 5 members**
- All team members must be graduate or undergraduate students with proof of matriculation and/or affiliation [Active university email address and/or letter from academic advisor]
- All team members must register of the UP-STAT 2019 conference
<http://www.rochester.edu/up-stat/registration.html>
- **Each team must enter the competition via enrollment by the team captain. The team captain must send the registration as a single file containing all the team members proof of UP-STAT 2018 registrations, team members email addresses and the team name. Send the email to epfeqa@rit.edu with the subject: UP-STAT 2019 Data Analytics Competition**
- Additional rules are found on the conference website. Please be sure to double check that your whole team comply with the rules, prior to entering the competition.
<http://www.rochester.edu/up-stat/competition.html>
- At any point of the competition, the captain of the team is allowed to contact the data analytics competition committee of UP-STAT 2019 with questions aimed at helping clarify aspects of the data and/or the competition.

Data Set



Our dataset this year is a huge collection of audio files totaling close to 70 GB, gathered in the Madagascar forest by a research team led by Prof. Dr. Anthony Vodacek of the RIT Center for Imaging Science.

Suggested explorations

Prof. Dr. Tony Vodacek gives some ideas of what can be potentially explored, but you must first register your team by emailing epfeqa@rit.edu in order to have your team captain's email address granted access to the dropbox folder. From there you will be able to see ideas of what might done with the data.

Teams capable of using their statistical, computational and data science acumen and brilliance to provide new insights into the patterns of sounds in the Madagascar forest, are the only teams with the chance to win the prizes.

On behalf of the whole UP-STAT 2019 organizing committee, and the data analytics competition committee, I wish all the contestants the very best.

With utmost gratitude,

RIT | College of Science
Data Science
Research Group

General Chair
UP-STAT 2019