

2017 Wind Analytics Contest
Sponsored by Siemens Wind Power Inc.
OFFICIAL RULES
NO PURCHASE NECESSARY

HOW TO ENTER: Click "Register Now" button and fill out the registration form at the following URL:

<http://sciences.ucf.edu/statistics/dms/siemens-2017-wind-analytics-contest-registration-form/>

Once registered, a registration ID will be assigned to each contestant by the system. The contestant will receive an email with the registration ID and a link to download the datasets.

DEADLINES:

All registrations must be received by February 28, 2017. Final contest projects, as outlined below, must be submitted in full no later than March 12. Winners will be announced no later than March 20, 2017.

ELIGIBILITY: The contest is open to current Full-time and Part-time UCF students. **Students can submit as individual or on teams not larger than 5 people.** Employees (including immediate family members and/or those living in the same household of each) of Siemens Wind Power Inc., their advertising, promotion and production agencies, the affiliated companies of each, and the immediate family members of each are not eligible.

PRIZE: Three (3) winning teams (first place, second place, and third place) will be recognized with \$500, \$300, and \$200 cash prizes, respectively.

GENERAL REQUIREMENTS:

- Entries must be the original work of the submitter and/or his/her team; must be suitable for publication; and must not infringe third-party rights. .
- Participants may only use the variables provided in the original data or transformed variables as a result of their work.
- Teams must include their assigned team number (issued at registration) in the header or footer of all materials uploaded for judging.
- The required cover page should be the only place where it is possible to identify the University, Department(s), and/or the individuals involved in the submission.

REQUIRED MATERIALS:

1. **A separate cover page** that references the department, team members, supporting faculty member, primary contact, team number assigned at registration and date submitted. The cover page will be removed for judging.
2. **Project report** that includes the following sections: executive summary, data analysis, modeling approach, results and conclusions (see judging criteria in the next section). Please do not include any school/member identifying information on the report other than the team number.
3. Include any/all programming code and/or flows to be examined by the judges.
4. Provide instructions for running the code and/or flows, including estimated running time with brief description of hardware environment, neatly organized code and/or flow running order, and clear labels for the order of execution.
5. **Project codes** can be in SAS, R, Python, C, C++ or MATLAB. Code files type should be compatible with the software used (example R file should be in "*.R", Python file should be in "*.py")

REPORT FORMAT:

All submissions should follow this suggested (but not required) format:

1. Margins: 1" from all sides
2. Typeface: Times New Roman size 12
3. Spacing: 1.5
4. Paragraph style: Block style
5. Captions: Captions to be placed under tables or figures, numbered sequentially across the document \

6. Document size: maximum 30,000 words or 10 pages (no limit on charts, graphs, visualizations which are instrumental in conveying results)
7. Page numbering: Page number to be placed at the bottom of each page (e.g., Page 1 of x)
8. File type: PDF format

HOW TO SUBMIT RESULTS:

On or before the due date, contestant should email the required materials to jenzelmanski@yahoo.com with subject line "Siemens 2017 Wind Analytics Contest" Include your registration ID and contact information in the email. Results file should be in this format:

Results file: Separate Cover page with team identification information, Code files and report with the file name being ID_x where "x" is your registration ID. All files should be in one compressed ZIP file.

JUDGING:

All entries will be judged based on the following criteria:

- 75% of the total points will be awarded based on the content in the Project Report. Major sections should include:
 - Executive Summary: – 5%
 - Exploratory Data Analysis – 20%
 - Modeling Approach: rationale for modeling approach(es), selection, and evaluation process; Creativity in partitioning / slicing of data to obtain insights as described in Contest Tasks – 30%
 - Results and Conclusions: clarity of interpretations, visualizations, and implications – 20%
- 25% of the points will be awarded based on the ability for the judges to replicate the analysis using the team's code on a test dataset

Judging will be based on the application of the data, the method(s) used to reach conclusions, the number of significant relationships or correlations unearthed, and a solid explanation of the findings.

Important Dates:

Contest start date: February 2, 2017 (data files will be available on this date)

Registration deadline: February 28, 2017

Final submissions due: On or before 11pm ET March 12, 2017

Notification of top three winners: March 20, 2017

Award ceremony: March 22, 2017

NOTIFICATION: Winner will be notified on March 22, 2017.

GENERAL: All federal, state and local laws and regulations apply. By accepting prize, winner consents to Sponsor's use of their name and likeness without additional compensation, unless prohibited by law. By entering, you release and hold harmless Sponsor, its parent, subsidiaries, affiliates, employees and agents from any and all liability or any injuries, loss or damage arising from or in connection with participation in this promotion or acceptance/use of the prize. By entering, participants release Siemens Wind Power Inc., its affiliates, directors, officers, employees and agents from any and all liability with respect to all aspects of the contest.

Except where prohibited, acceptance of the prize constitutes winner's consent to the use of his/her name, likeness and biographical information for advertising and promotional purposes, without limitation and without additional compensation.

Submission of any entry constitutes the entrant's irrevocable, non-exclusive license to Siemens Wind Power Inc., and their agents to publish, use, adapt, edit and/or modify such entry in any way, in any and all media, without limitation, for use in association with advertising, promotion, archiving and review,

including, without limitation, screenshots and selected portions of the winner's entry, all without additional compensation.

Sponsor is not responsible for phone, technical, network, electronic, computer hardware or software failures of any kind, misdirected, incomplete, garbled or delayed transmissions. Sponsor will not be responsible for incorrect or inaccurate entry information, whether caused by entrants or by any of the equipment or programming associated with or utilized in the contest.

Entries must be the original work of the entrant; must be suitable for publication; and must not infringe third-party rights. All entries become the property of the sponsor. By entering, entrants acknowledge compliance with these official rules including all eligibility requirements. In the event of non-compliance with these requirements, the selected entrant may be disqualified and an alternate winner selected, at Sponsor's discretion. Sponsor reserves the right to suspend, cancel, or modify this promotion if fraud or any other causes beyond its control destroys the integrity of the promotion, as determined by Sponsor's sole discretion. If the promotion is cancelled, unawarded prizes may be returned to Sponsor or may be awarded by random drawing from eligible entries, to the extent a fair random drawing can be conducted, at Sponsor's discretion.

SPONSOR: The sponsor of this promotion is Siemens Wind Power Inc.

For any further questions about the dataset, contact "jenzelmanski@yahoo.com"