

Datahacks 2022 Awards Ceremony





1.

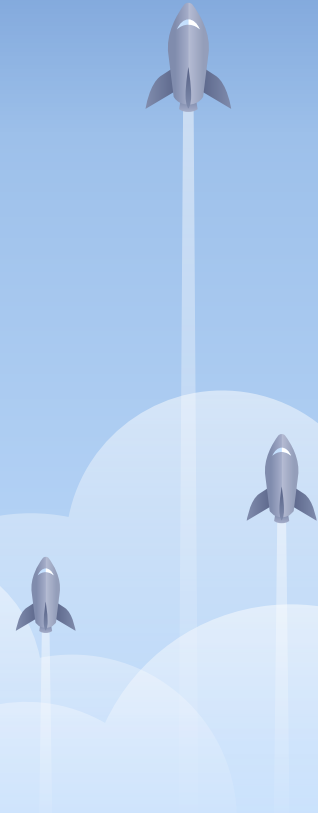
Standards

How were participants judged?

Categories

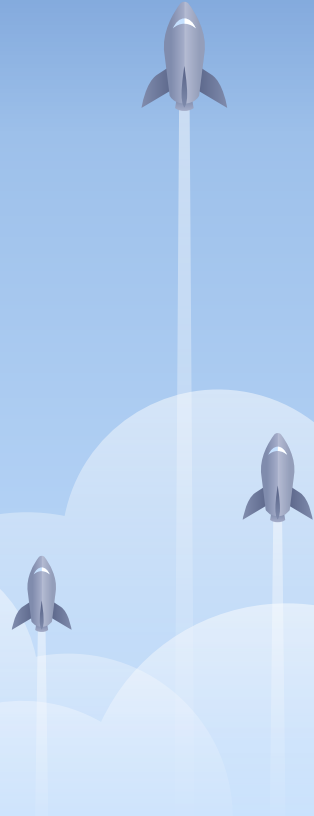
- EDA (2 points)
- Feature Engineering/Selection (1 point)
- Model Building (3 points)
- Model Testing (2 points)
- Final Report (2 points)

For intermediate and advanced tracks in the event of a tie, model score was used to break tie.



EDA

“The data was explored thoroughly and exhaustively. Results were exceptionally explained in writing, and thoughtful, clear, and well developed visualizations. In addition a clear attempt was made to go above and beyond.”

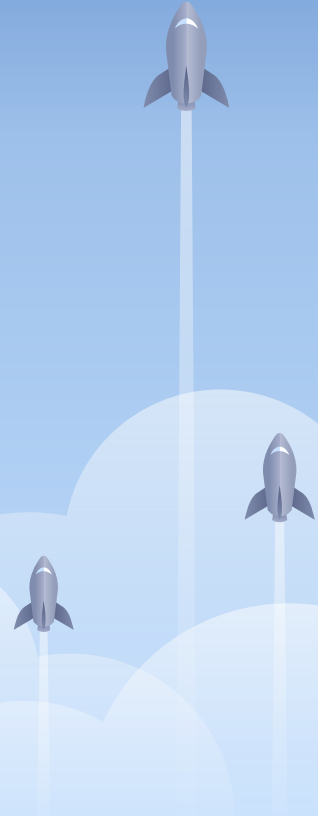


Feature Engineering/Selection

“An explicable, cohesive and thoughtful attempt was made to engineer valid new features that visibly impacted model performance. A clear and rational explanation was provided for these new features.”

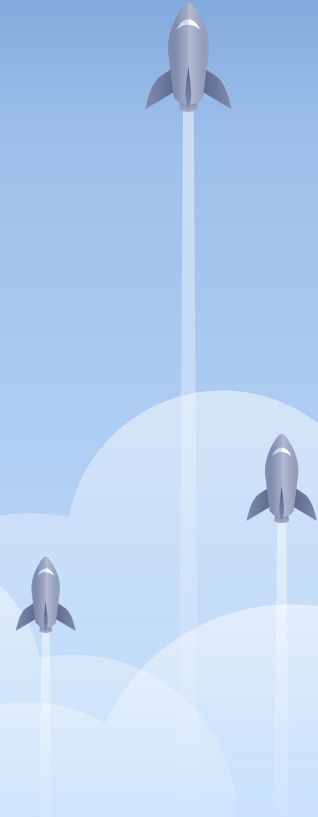
Model Building

“Several thoughtful, well-reasoned, and researched model selections were hypertuned and compared to one another to produce an interpretable model. This model was then justified in writing and with some visualization.”



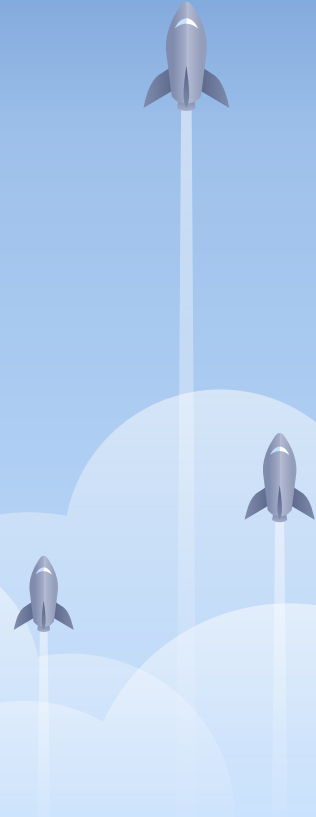
Model Testing

“The model performs well (Very low MSE or accuracy of 0.8+). on both training and test sets (train-test split was used). Performance was analyzed and explained. For Intermediate and Advanced track, model performs comparatively well on test set and is clearly not over or underfit on training set.”



Final Report

“Final report contains an introduction, a data cleaning/pre-processing section, at least 3 visualizations, analysis of project and results, as well as a conclusion that details future improvements In addition the report is uniquely creative, and captures a clear interest in the dataset and project as a whole.”





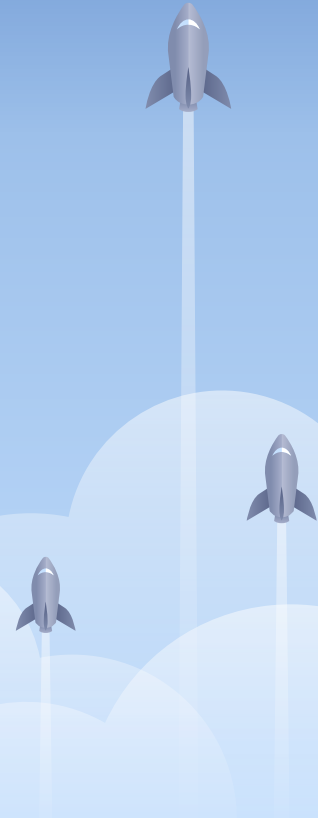
2.

Beginner Track

Your first data science project was a grand
slam!

Information & Trends

- Judged by Datahacks staff
- All projects were really well presented
- Data dictionary was used to great effect in most projects
- Features were mostly carefully selected





YOUR WINNERS ARE...



Team Abraca-data!

Congratulations to Esther Cho, Vanessa Hu, Gabriel Cha,
and Arman Rahman



3.

Intermediate Track

Your project was so good it could have competed in the advanced track!

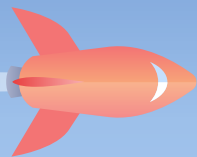
Information & Trends

- Judged by Professor Suraj Rampure
- All projects were really well presented
- EDA was mostly thorough and well informed
- Models were mostly selected with great care and attention





YOUR WINNER IS...

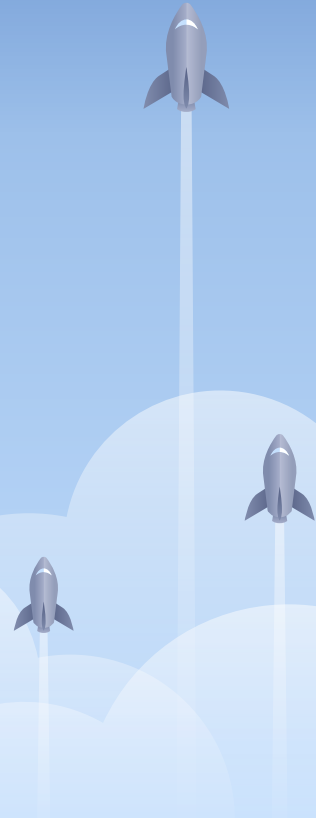


Thy Nguyen!

Congratulations for an outstanding submission!

Honorable Mentions

- Albert Aung, Alexander Jensen, Benjamin Xue, Maxwell Fang
- Ashley Chu, Esperanza Rozas, Sukham Sidhu
- Hien Dang Bui, Jason Lee, Yin Lam Lai





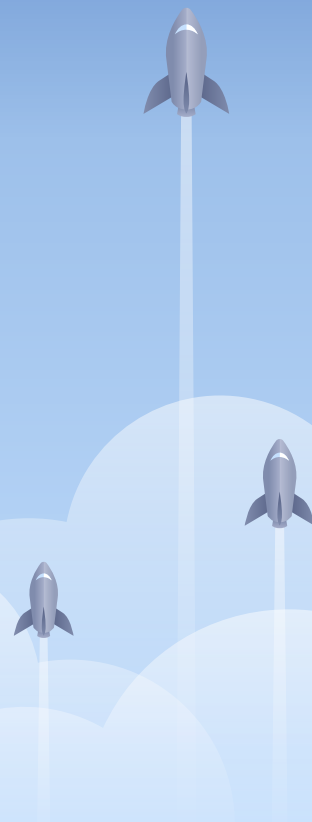
4.

Advanced Track

You should be teaching about data science, not studying it!

Information & Trends

- Judged by Professor Justin Eldridge
- All projects were really well presented
- Features were thoughtfully selected and well analyzed
- Pre-trained models were mostly well evaluated and hyper tuned



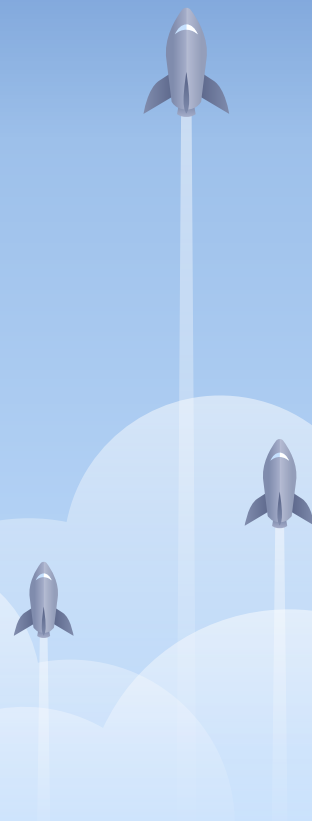


YOUR WINNER IS...

4-way Tie!

- Benjamin Sacks, Barry Xue, and Huy Trinh
- Jack Yang, Alan Wang, Hongyi Yang, and Huaning Liu
- Zixin Ma, and Sheng Yang
- Brian Huang, Koosha Jadbabaei, Vineet Tallavajhala

As stated in rubric, model performance was used to break tie...





Team Horseshoop!

Congratulations to Zixin Ma and Sheng Yang! Your project had a comparatively amazing 76% accuracy on the test set!



5.

Conclusion

Well done everybody for a phenomenal competition!

Thank You!

Any questions?

Swag will be coming out soon! All winning teams should make sure to contact me to schedule prize pick up:

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