The University of Texas at Austin
Hildebrand Department of Petroleum
and Geosystems Engineering
Cockrell School of Engineering

Energy A.I. Hackathon 2023

Hackathon Project Final Presentation

January 22th, 2022

[Project Team]

[Team Members]

Team Members' Departments and School

Note, you will have less than 10 minutes to present.

Executive Summary

1. **What is the problem?**
2. **What did your team do to address the problem?**
3. **What did your team learn?**
4. **What does your team recommend going forward?**

Workflow

Overview with Steps / Flow Chart

Workflow (Multiple Slides)

Showcase Interesting and Innovative Aspects of Your Workflow.

State and Defend Modeling Decisions

Discuss Critical Results and Learnings for Workflow Steps

Captions for all Figures

Concise Text on Slides to Explain the Main Points

Results and Discussions

Present your predictions for ESPs to fail and NOT fail over the next 30 days.

Recall the ESPs are listed in data/solution.csv

Use table, graphs to communicate the model predictions, modeling tuning, feature engineering and importance, etc.

Feedback

What did your team learn?

What did your team like?

What could we do to improve next year?