

**PGP-DS CAPSTONE PROJECT FINAL REPORT**

**Summary of a problem statement, data, and findings**

Every good abstract describes succinctly what was intended at the outset, and summarizes findings and implications.

**Overview of the final process**

Briefly describe your problem-solving methodology. Include information about the salient features of your data, data Pre-processing steps, the algorithms you used, and how you combined techniques.

**Step-by-step walkthrough of the solution**

Describe the steps you took to solve the problem. What did you find at each stage, and how did it inform the next steps? Build up to the final solution.

**Model evaluation**

Describe the final model (or ensemble) in detail. What was the objective, what parameters were prominent, and how did you evaluate the success of your models(s)? A convincing explanation of the robustness of your solution will goal a long way to supporting your solution.

**Comparison to benchmark**

How does your final solution compare to the benchmark you laid out at the outset? Did you improve on the benchmark? Why or why not?

**Visualization(s)**

In addition to quantifying your model and the solution, please include all relevant visualizations that support the ideas/insights that you gleaned from the data.

**Implications**

How does your solution affect the problem in the domain or business? What recommendations would you make, and with what level of confidence?

**Limitations**

What are the limitations of your solution? Where does your model fall short in the real world? What can you do to enhance the solution?

**Closing Reflections**

What have you learned from the process? What would you do differently next time?