

CAPSTONE PROJECT - TEMPLATE

FINAL REPORT

1. Summary of problem statement, data and findings
Every good abstract describes succinctly what was intended at the outset, and summarizes findings and implications.
2. 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.
3. Step-by-step walk through 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.
4. 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 go a long way to supporting your solution.
5. 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?
6. 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.
7. Implications
How does your solution affect the problem in the domain or business? What recommendations would you make, and with what level of confidence?
8. 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?
9. Closing Reflections
What have you learned from the process? What would you do differently next time?