# Team 9 (Top 3 presentation)

# Total Score: 195/200

Part 1: 50 pts - Nontechnical presentation to management

* + 20% – Demonstrate clear understanding of the business challenge
  + 20% – Is the presentation appropriate for nontechnical client VP of operations?
  + 60% – So What? How will this solution help improve the business issue?
    - Including clarity of message, visualization of key findings and recommendations

+50 points: The executive summary provides the entire story in one page, which is extremely beneficial for busy managers. Well done laying out the problem and providing recommendations based on data-driven insights, then directly linking to solutions for the business. Engaging and effective usage of visualizations for recommendations and describing aspects of your approach. Investigating the interactions among multiple important variables in the SHAP plots uncovered interesting insights.

Part 2: 50 pts - Technical presentation to analytics team

* Short technical explanation of
  + Final model choice (not every model)
    - Included
  + Pros and cons of this model
    - Included
  + Description of inner workings of this model used (e.g., if you use a decision tree, describe how a decision tree is split.)
    - Included
  + What are all ways this approach tries to avoid overfitting?
    - Included
  + Evaluation metric
    - Included but limited discussion.
  + Generalization approach and how tuning parameters are chosen
    - Included but limited discussion.

+45 points majority of all aspects are included in presentation.

AUC score on holdout set: 0.8504352

Judge: Very professional presentation. My only note is that they didn’t need to go into the intricacies of EDA/data cleaning. This group presented a great implementation roadmap for non-technical stakeholders as well as a beautiful transition into their technical work. I liked their recommendations back to the business, specifically the dynamic pricing strategy & tiered deposit system - these are wonderful user experience suggestions that remind me of how a business designs the pricing for a solution facing clients.