

ML group assignment code

Group 17

2025-12-12

Part 0: Setup & Data loading

Part 1: Data Exploration

Part 2: Model Building

Model 1: Logistics Regression

Model 2 Random Forest (Tuned)

Model 3: XGBoost (Tuned)

Part 3: Model Comparison - statistical tests, visualizations

Part 4: Final Model Training & Strategy

Part 5: Retention Strategy - demonstrate targeting

Part 6: Summary