| Goals   1. Create an intuitive user interface to interact with the PICARD 2. Replicate a form to build custom commands and parameters for each experiment 3. Allow users to save results locally from each experiment 4. Have users authenticate through email and password   Hardware & Technologies   * Ubuntu Server * 2 Intel Xeon Gold 5218 processors * Utilizations of Firebase cloud * Graphical User Interface is created with ReactJS,bootstrap, and universe.io * Docker and Docker Swarm | Objective  To create an intuitive user interface aimed at providing users with control over computational needs for algorithm research and development.  Overview  Our capstone project focuses on the technical visualization of The Platform for Intelligent Computer Algorithm Research & Development (PICARD), building upon the foundation established by Group 11 from the previous semester. The PICARD is dedicated to conducting the research, development, and performance analysis of semi-supervised machine learning algorithms. Primarily, focusing on the classification within large datasets marked by severe imbalance. | The PICARD  **Group 2**  Hunter Lavender  Abdalrahman Afifi  Travis Mueller  Zachary Wildasin |
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