HUMAIRA NURUL HADI

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EDUCATION

- **Institut Teknologi Sepuluh Nopember**   **(September 2021 – September 2025)**
  Bachelor in industrial and System Engineering - Cumulative GPA: 3.51
  Activities: Program Kreativitas Mahasiswa (PKM), 5+ committee experience, Kalimantan Timur Scholarship

- **Bitlabs Academy**   **(September 2024 – December 2024)**
  Data Analytics for Business
  Activities: Analyze business problems and formulate solution by applying SQL, Python, Tableau, and business problem frameworks

PROFESSIONAL EXPERIENCE

- **OJT Program Pertamina Hulu Mahakam**   **(July 2024-August 2024)**
  Material and Inventory Management Division
  - Reviewing and updating MRP parameter by analyzing inventory movement and historical demand. Coordinating with Project Division while revising MRP parameter for consumable materials
  - Successfully determined new MRP parameter and performed cost analysis on proposed and existing parameters.

ORGANIZATIONAL EXPERIENCE

- **Competition Division - Industrial Engineering Games 18th Edition**   **2023**
  The Industrial Engineering Games is an annual competition organized by the Department of Systems and Industrial Engineering at ITS, aimed at introducing high school students across Indonesia to the world of automation and industrial system.
  - Designed and developed competition problems, tailored to challenge participants analytical and problem-solving skills.
  - Conducted technical briefings for division members, ensuring everyone comprehends the competition rules, procedures, and objectives.
  - Successfully executed the event without delays according to the planned schedule and technical requirements.

- **Event Division – Ini Lho ITS**   **2022**
  An annual event helps high school students explore academic programs aligned with their interests. Includes activities such as Open Campus and Inspirative Talk shows.
  - Prepared detailed technical plans, covering event flow, logistics, and contingency measures for event execution.
  - Successfully coordinated and executed sub-events according to schedules and technical specifications with 500+ participants.

PROJECTS

- **Data Analysis Project: Campaign and Transaction Analysis for DOKU**   **(September 2024 – December 2024)**
  - Enrolled as a data analyst to conduct comprehensive analysis of campaign and transaction data for DOKU, a leading payment gateway provider. Applied business frameworks to determine objectives and problems. Utilized Python, SQL, and Tableau to clean, transform, and analyze large datasets, uncovering patterns and trends in transaction behaviors. Delivered data-driven solutions to improve revenue and user retention.

- **Inventory Optimization Study: Forecasting Inventory Pertamina Hulu Mahakam**   **(July 2024-August 2024)**
  - Enrolled as a trainee in Material and Inventory Management Division tasked with determining MRP parameter using machine learning, specifically ANN method, to forecast consumable materials demand. Conducted a detailed cost analysis comparing the ANN-based forecasting method to the existing approach, highlighting potential savings and efficiencies. Delivered actionable forecasting parameters that led to an 18% reduction in inventory costs.

LANGUAGE PROFICIENCY

- **English**   : Full Professional Proficiency
- **Bahasa**   : Native

ROFESSIONAL SKILLS

- Programming (Python, SQL)
- Data Analysis (Ms Excel, Spreadsheet, Minitab)
- Data Visualization (Tableau, Power BI)
- Operation Research (Lingo, Solver)
- Simulation (Extendsim, @RISK)
- Microsoft office (Including Ms Access and Ms Project)
- Analytical and Creative Thinking
- Research and Analysis