

# RAMANTI PRAJNA PRATISTHITA

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I am seeking a challenging position in Data Science where I can utilize my analytical skills, machine learning expertise, and programming proficiency to contribute to the success of the organization while continuously enhancing my knowledge and skills.

## RELATED EXPERIENCE

### DATA SCIENCE PROJECT - 2023

#### Predictive Modeling of UFC Match Outcomes

Pandas, NumPy, Matplotlib, Google Collabs

- Regression analysis: created regression models to predict fighter performance metrics such as striking accuracy, takedown success rate, and submission attempts.
- Classification: built classification models to predict match outcomes and fighter rankings based on historical data.
- Clustering: applied clustering techniques to group fighters based on fighting styles and performance characteristics.

### TIPSEN (SOFTWARE ENGINEERING PROJECT) - 2024

Tipsen is a Shopping entrusted goods service web application. Implementing backend logic and database management using Django. Designing and styling user interfaces using Tailwind CSS. Deploying the application to the Railway platform. Initialize the requirements, defining the project scope. Use Case Modeling was performed, creating diagrams and detailed specifications to visualize user-system interactions. Activity Diagrams were designed to illustrate system activities and user interactions. Analysis Class Diagrams were developed. Project including database schema. Design Concepts Interaction Diagrams were created, illustrating runtime interactions and message flow. Implementation, and successful deployment to a production environment.

### LOGISTIC MANAGEMENT SYSTEM PROJECT - 2024

As a Developer Team

Utilizing Django, Tailwind CSS, and Railway frameworks. Implementing Agile Scrum methodologies, ensured iterative development and continuous feedback incorporation. Our system featured comprehensive functionalities including stock monitoring, a dashboard displaying data and bar charts, and a detailed history of both outcome and income data.

## ACHIEVEMENTS

- Gold Medals Olimpiade Penelitian Siswa Indonesia (OPSI) 2019 in Social Sciences and Humanities Kemendikbud
- 2 place Essay Your Body Your Choice " Gender Equality " Brawijaya University
- 2 place Software Development, PEKAN IT 2023

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## SKILLS

- Programming Language: Python, Java, SQL
  - Back-end Tools: Django, PostgreSQL
  - Front-end Tools: Tailwind CSS, Bootstrap
  - Data Analysis and Visualization: Pandas, NumPy, Matplotlib
  - Data Cleaning and Preprocessing Techniques
  - Regression Analysis, Clustering, Classification
  - Problem-solving and analytical skills
  - Communication and teamwork abilities
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