

# VINCENT KARUNIA PRATAMA SIMANJUNTAK

## DATA ANALYST | SYSTEM ANALYST | BUSINESS ANALYST

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### SUMMARY

Adaptable Information Systems student specializing in Data Analysis and System Analysis. Proven ability to bridge the gap between technical solutions and business needs through requirement gathering, database design, and actionable visualization. Experienced in building end-to-end data systems and digital products that drive operational efficiency and data-driven decision-making.

### TECHNICAL SKILLS

- **Data Analysis & BI** (Tableau, Power BI, Metabase, Excel)
- **Database Management** (MySQL, PostgreSQL, ERD Design, Data Normalization)
- **System & Business Analysis** (Gap Analysis, System Analysis & Design, User Stories, Agile Scrum, SDLC)
- **Programming** (Python, PHP, SQL, JavaScript)
- **Web Development** (Laravel, HTML5/CSS3 (Tailwind), Bootstrap)
- **Tools & Workflow** (Git/GitHub, VS Code, Google Colab, Postman)

### EXPERIENCE

#### Web Developer | GKI Raya Hankam

2025 - Present

- Conducted requirement gathering with the Church Board to translate manual business processes into technical specifications for a CRM-based membership system.
- Designed and developed a comprehensive CRM-based Membership Database System using PHP and MySQL to efficiently manage 3000+ congregation data, replacing manual Excel workflows.
- Designed and integrated an interactive Metabase Dashboard to visualize real-time demographic trends, attendance metrics, and weekly growth for the Church Board.

#### Publication & Documentation Staff | UKRIDA E-Sports

2024 - 2025

- Created and designed creative visual designs in the form of Instagram feeds, stories, and reels for events in accordance with the organization's work program.

### EDUCATION

#### Bachelor of Information Systems | Universitas Kristen Krida Wacana (UKRIDA)

2023 - Present

- GPA: 3.89 / 4.00 (5th Semester)
- Relevant Coursework: Data Visualization, Database Administration, Database Analysis & Design, Business Process Analysis & Design, IS Analysis & Design, Basic & Advanced Web Programming

### PROJECTS

#### Data-Driven System Analysis | blu by BCA Digital

2025

- Scraped and extracted the app's user reviews using Python and performed Gap Analysis on 20+ features to identify technical bottlenecks and user experience friction.
- Proposed a technical roadmap and system improvements that prioritized high-impact features, bridging user feedback with system architecture.

#### AI Research Project | MRI Brain Tumor Classification

2025

- Built a Deep Learning model using Python (TensorFlow/Keras) and VGG16 (CNN Architecture) on Google Colab to classify MRI scans (Tumor vs. Non-Tumor).
- Achieved high validation accuracy by implementing data augmentation and transfer learning techniques.
- Demonstrated strong analytical thinking in interpreting model performance metrics (Accuracy, Loss, Confusion Matrix).