



## Lista Kurniawati

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### WORK EXPERIENCE

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#### **Kemendikdasmen – Balai Pengelolaan Pengujian Pendidikan, Data Analyst; Jan 2023 - sekarang**

- Conducted inclusivity and impact analysis of national university admissions programs (Seleksi Nasional Penerimaan Mahasiswa Baru/SNPMB) based on socio-economic status (SES) and school characteristics to inform higher education access policy.
- Analyzed correlations between National Assessment and university entrance exam results to evaluate potential diversification of higher education selection instruments.
- Evaluated national scholarship program (KIP-K) implementation through allocation pattern analysis and targeting alignment to identify improvement areas.
- Leveraged aptitude and interest assessment (Asesmen Bakat Minat/ABM) data to generate data-driven recommendations for students' major selection and career pathway planning.
- Managed end-to-end psychometric analysis from instrument validation to final reporting for 10+ testing programs, including UKPPPG, Taruna Nusantara, SBM Poltekpar, SMM Poltekpar, SM Universitas Tanjung Pura, etc.
- Utilized Python, Microsoft Excel, Google Sheets, Looker, and Google Apps Script to enhance analytical process efficiency
- Collaborated cross-functionally to develop accessible, data-driven analytical reports and insights.

#### **PT Jamkrindo, Business Analyst Intern; Sept – Des 2022**

- Supported financial performance analysis through preparation of consolidated ratio reports and profitability report updates.

#### **CoLearn, Math Machine Learning Tester Partner; Okt 2021 – Jun 2022**

- Conducted quality assurance on student questions and solutions to enhance machine learning model accuracy and educational content quality.

### SKILL

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- Technical Skill:** Python, SQL, Microsoft Excel, Google Workspace (Sheets, Docs, Apps Script), Looker, PowerPoint, Data Cleaning & Visualization
- Language:** Indonesia (native), English (conversational)

### CERTIFICATION

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- Google Data Analytics Professional Certificate**
- Persatuan Aktuaris Indonesia (PAI): A20 (Probabilitas dan Statistik)**

### PROJECT

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- Transformation of The State University Entrance Selection to Encourage Inclusive Access to Higher Education in Indonesia (2<sup>nd</sup> Author):** Analyzed transformation of national university admission systems to promote more inclusive access to higher education in Indonesia.
- Coffee Shop Data Analytics:** Analyzed coffee sales data to identify purchasing trends and highest revenue-contributing menu items using SQL.
- Chronic Kidney Disease Modeling:** Predicted chronic kidney disease risk based on clinical indicators using Multilayer Perceptron (MLP) model.
- COVID-19 Vaccination Sentiment Analysis:** Classified public sentiment toward COVID-19 vaccination from social media using Support Vector Machine (SVM) model.

### EDUCATION

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#### **Universitas Indonesia**

- IPK: 3,55/4,00
- Relevant Coursework:** Web Mining, Data Science, Modeling, Structured Computing, Algorithms and Programming, Analysis I & II, Cryptography, Discrete Mathematics, Mathematical Statistics I & II
- Undergraduate Thesis:** Analyzed performance of integrated BERT text representation and Deep Embedded Clustering (DEC) methods for topic detection.

## **ORGANIZATION**

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- **Head of Student Advocacy & Welfare Department, Mathematics Student Association, Universitas Indonesia (2020–2021):** Led transformation of advocacy services, managed student aid schemes, and initiated mental health programs within the Mathematics Department.
- **Deputy Head of Student Advocacy & Welfare Department, Mathematics Student Association, Universitas Indonesia (2019-2020):** Coordinated advocacy services and student aid distribution, and developed internal department communication channels.