RAFLY NOVIAN

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Recent statistics graduate with expertise in data analysis and visualization using R and Python. Strong foundation in statistical methodologies, dedicated to translating complex data into actionable insights for informed decision-making.

Work Experiences

Biotechnology Department, Universitas Padjadjaran - West Java, Indonesia   Sep 2023 - Present

Assistant Researcher | Part-time

- Effectively handled and analyzed 4 types of metabolomic data throughout the project using statistical methods in R and Python, leading to efficient organization and extraction of valuable insights.
- Generated significant quantitative impact by producing 5 comprehensive reports that distilled key insights from in-depth analyses of extensive metabolomics data.

Diskominfo Kota Bandung - West Java, Indonesia   Jul 2022 - Sep 2022

Data Entry & Researcher | Internship

- Organize a seamless data collection and entry process, ensuring accuracy and efficiency in collecting relevant information, thus strengthening the city's comprehensive dataset.
- Improve decision-making in the Data and Statistics Division of Diskominfo Bandung City by addressing key issues, providing actionable insights for better city management.

Statistics Department, Universitas Padjadjaran - West Java, Indonesia   Feb 2021 - Jul 2021

Assistant Lecturer in Basis Data Class | Part-time

- Enhanced the learning experience by developing detailed schedules, assignments, and instructive modules, resulting in a quantifiable increase in overall student engagement and academic performance

Education Level

Universitas Padjadjaran - West Java, Indonesia   Aug 2019 - Jul 2023

Bachelor Degree in Statistics, 3.75/4.00

- Final Thesis: Dependent Lagged Variable Modeling Using the Generalized Method of Moments System in Identifying Unemployment Factors in West Java Province

Intelligence Cloud Track by Microsoft Indonesia - Jakarta, Indonesia   Feb 2022 - Jun 2022

Artificial Intelligence Bootcamp, 92.90/100.00

- Developed insights into Microsoft's cloud computing services, demonstrating a comprehensive understanding.
- Showcased expertise in leveraging Microsoft's cloud, data, and AI services to enhance business processes.
- Designed infrastructure and proof of concept solutions using Azure, facilitating seamless access for students and school management.
- Attained outstanding results in the Microsoft Certification Exam, reflecting a high level of competence and proficiency

Organisational Experience

Forum Kajian Statistika - West Java, Indonesia   Jan 2021 - Dec 2021

Head Of Data Analyst Department

- Conducted dual training sessions on Python, R, and data analysis tools, doubling the team's analytical capabilities and boosting data-driven decision-making efficiency.
- Managed & planned extensive data analysis process to produce high-quality datasets, enabling the organization to make informed business decisions.

Forum Ukhwah Studi Islam - West Java, Indonesia   Jan 2021 - Dec 2021

Head of Syiar Department

- Managed & maintained all aspects of the organization, including program development, staff coordination, and stakeholder engagement to successfully complete all of the department goals.

Badan Eksekutif Himpunan Mahasiswa Statistika FMIPA Unpad   Jan 2020 - Dec 2020

Staff of Social Welfare Department

- Successfully established and organized databases for internships and theses twice, streamlining data access and preparation for students in their final semester.

- Planned and executed celebratory occasions to recognize and commemorate the accomplishments of students who successfully concluded their academic endeavors, conducted four times annually

Sensus Penduduk (SP2020) - West Java, Indonesia   Mar 2020 - May 2020
Surveyor
- Managed and supported the implementation of the online population survey, ensuring maximum participation from respondents.
- Compiled and delivered informational materials to respondents, provided guidance for completing online forms, and offered technical support through online channels.
- Secured 20 family respondents in the online census through targeted outreach and effective communication, enhancing data comprehensiveness and reliability.

Skills, Achievements & Other Experience

- **Hard Skills**: R, Python, SQL, IBM SPSS, RapidMiner, Minitab, Microsoft Office, Google Workspace, Canva, Adobe Illustrator, Adobe Photoshop, Power Bi, Tableau
- **Interest**: Data Exploration, Predictive Modeling, Data-Driven Decision Making, Data Visualization, Problem Solving, Continuous Learning, Machine Learning
- **Achievements** (2021): IFEST: Data Analytics Competition Finalist
- **Certifications**: Google Certificate IT Support, Microsoft Certified: Azure Fundamentals, Microsoft Certified: Azure AI Fundamentals, Microsoft Certified: Azure Data Fundamentals, Microsoft Certified: Security, Compliance, and Identity Fundamentals