

Akmal ‘Ace’ Setiawan

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EDUCATION

Purdue University, Mitch Daniels School of Business

Bachelor of Science, Business Analytics and Information Management

West Lafayette, IN

August 2022 - December 2025

- Minor in Statistics & Applications in Data Science Certificate
- Cumulative GPA of 3.43

PROFESSIONAL EXPERIENCE

External Data Analytics, Office of the President - Purdue University

Student Data Analyst

West Lafayette, IN

September 2023 – Present

- Worked with analytics team full-time in the summer and part-time in fall and spring to perform comparative data analysis to identify key underperforming metrics which helped realize a 40-spot increase in two years for Purdue in *QS World University* rankings.
- Collaborate with supervisors to create meaningful and comprehensive visualization with Tableau and PowerPoint to present to university executives as basis for university-wide decision making.
- Develop and maintain faculty related databases using Excel and automation using Power Query to serve as a tool for faculty to locate and fill gaps in national and international academic databases.

Department of Mathematic, Purdue University

Calculus Course Grader and Proctor

West Lafayette, IN

August 2023 – Present

- Grade assignments and quizzes with accuracy and efficiency to help students identify weaknesses
- Provide detailed feedback on exercises to aid students in preparing for exams
- Structurally organize and upload results with precision to comply with academic rules and regulations

LEADERSHIP AND INVOLVEMENT

- **Club Sport Athlete** – Purdue Triathlon (Active)
- **Student Council President** – Pilar Indonesia High School (Sep. 2020 - Oct. 2021)

ACHIEVEMENTS

- **Zimmer Biomet Case Competition** - 2nd Place Winner & Best Speaker (February 2025)
- **Purdue Accounting Case Competition** – 2nd Place Winner (April 2024)

PROJECTS

Leveraging Web Scraping to Build Purdue’s Highly Prestigious Awards Historical Database

Summer 2024

- Utilized web scraping methods in Python to scrape award websites of winners and their metadata. As well as implementing various APIs to check institutional connection and data standardization.
- Presented to Association of American Universities (AAU) in Fall 2024, at Indiana Association for Institutional Research (INAIR) 2025 Conference, and at Association for Institutional Research 2025 National Conference.

Using Machine Learning to Map Grief Stages and Optimize Support for Military Survivors

Fall 2024

- Collaborated with Tragedy Assistance Program for Survivors (TAPS) to use machine learning classification models to predict grief stages based on survey responses. Achieved classification accuracy of 89%.
- Presented research poster at Purdue Fall 2024 Undergraduate Research Conference.

Predicting the Unpredictable: Machine Learning for Lead Time Forecasting in Supply Chains with Extreme Delivery Deviations

Spring 2025

- Creating prediction models for the supply chain of a large manufacturing company. Utilized machine learning methods as well as deep learning to give confident predictions on part orders timeliness.
- Will present research poster at 2025 INFORMS Analytics+ National Conference.

RELEVANT SKILLS

- **Languages:** English – Native; Indonesian – Native
- **Coding:** Python – Advanced; R – Advanced; SAS – Intermediate; SQL – Intermediate; HTML – Intermediate
- **Software:** Microsoft Word, Excel, PowerPoint – Advanced; Tableau – Advanced; Microsoft Power BI/Automate/Query – Intermediate