

Syarafina Dewi

Semarang, +6288229534836, [syara-dewi.github.io](https://github.com/syara-dewi), [linkedin.com/in/syara-dewi](https://www.linkedin.com/in/syara-dewi), dewisyara@gmail.com

SUMMARY

I skilled in processing data into meaningful insights using Python and SQL, I am also certified as an AWS Cloud Practitioner, showcasing my strong understanding of the IT services utilized within AWS. In addition, my proficiency in utilizing tools like Microsoft Excel and Google Data Studio further enhances my ability to deliver captivating and impactful analysis.

EDUCATION

Aug 2019 – Oct 2023 **Satya Wacana Christian University**
Bachelor of Computer Science
GPA: 3.91

EXPERIENCES

Sep 2022 – Mar 2023 **Intern Data Analyst at PT. Warung Mantep Indonesia**

- Successfully implemented and managed ERPNext, streamlining processes and boosting productivity
- Drove strategic decision-making by making sales forecasts
- Developed visually appealing dashboard reports, providing real-time business insights to key stakeholders

Aug 2022 – Dec 2022 **Studi Independen Kampus Merdeka Data Analytics at PT. Zona Edukasi Nusantara (Zenius)**

- Guided the team in working on the final project
- Made a journal with the title "Analysis of Twitter Sentiment Against Qatar as Host of the 2022 World Cup Using Textblob"
- Successfully completed of the "Home Credit Default Risk" final project

PERSONAL PROJECTS

Oct 2022 – Apr 2023 **Semarang Regency Education Level Segmentation**

- Research was conducted to classify the education level of individuals in Semarang Regency based on gender, age, and individual status within the family
- The Principal Component Analysis (PCA) method was utilized to reduce dimensions, alongside the implementation of the K-Means algorithm
- This research can identify groups that require special attention in facing the demographic bonus that will occur in 2035

Dec 2022 – Jan 2023 **Twitter Sentiment Analysis Using Textblob**

- Utilized SNSCrape for web scraping on Twitter
- Conducted a comprehensive analysis of global sentiments on Twitter regarding Qatar as the host of the 2022 World Cup
- Achieving an impressive accuracy score of 0.83 or 83%

ACHIEVEMENTS

October 2022 Runner-up, SOPREMA FISIPOL UGM 2022 Competition (Start-up Category)

August 2022 1st Place in the 2022 Enterprise Leadership Competition

August 2022 Best Presentation Enterprise Leadership 2022

August 2021 3rd Place in the 2021 Innovation Technology Competition

CERTIFICATES

Jul 2023	Data Analytics Micro-credential, Coursera
Jul 2023	Using Databases with Python, University of Michigan
May 2023	AWS Certified Cloud Practitioner, Amazon Web Services (AWS)
May 2023	Exploring and Producing Data for Business Decision Making, University of Illinois Urbana-Champaign
Mar 2023	Excel Skills for Business: Essentials, Macquarie University
Nov 2022	Google Data Analytics, Coursera
Des 2021	Database Programming with PL/SQL, Oracle
Jul 2021	Database Design and Programming with SQL, Oracle
Mar 2021	Python for Data Science, IBM

SKILLS

As Cloud Practitioner

- Strong understanding of Cloud Computing concepts, including service models, benefits, and cloud architecture
- Understand various AWS services including compute, storage, database, networking, security, and analytics
- Able to use AWS compute services, such as Amazon EC2 (Elastic Compute Cloud), to provision and manage computing resources

As Data Scientist

- Skilled in Python programming, experienced in using libraries and frameworks for data analysis and machine learning
- Skilled in SQL for data manipulation, extraction, and querying relational databases, enabling efficient data retrieval and analysis
- Able to process complex data into clear and easy-to-understand insights through attractive visualizations

PUBLICATIONS

Dewi, Syarafina and Arianto, Dede Brahma. Twitter Sentiment Analysis Towards Qatar as Host of the 2022 World Cup Using Textblob. Journal of Social Research, Vol. 2 No. 2(2023): 443–455.

Titled Article: "Implementasi Principal Component Analysis pada K-Means untuk Klasterisasi Tingkat Pendidikan Penduduk Kabupaten Semarang"

Letter of Acceptance (LoA) accepted for publication in the JIPI (Jurnal Ilmiah Penelitian dan Pembelajaran Informatika) (Year of Publication: 2023).

ORGANIZATIONS

Jan 2020 – Jan 2021	Head of Internal and External Division at HMPTI UKSW <ul style="list-style-type: none">• Collaborated with division members to develop and execute work programs• Provided comprehensive reports on work program outcomes to the chairman of HMPTI• Actively engaged in multiple campus activities as a committee
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TOEFL	560 Test Score
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