

# EDOARDO CAKRA SENTANU HERIANTO

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## EDUCATION

**Suffolk University** | Sawyer Business School

GPA: 3.82/ 4.0

**Degree:** Bachelor of Business Analytics & Information Systems, Data Analytics (STEM)

**Achievements:** Magna Cum Laude

**Relevant Coursework:** Database Management | Applied Stats & Pred Analytics | Coding for Business | Big Data BI and Analytics

## WORK EXPERIENCE

**E2PAY**, Jakarta, Indonesia

September 2023 – Present

*Data Analyst*

- Developed and collaborated with other data analysts and data engineers to implement an automated ETL Engine and a Data Warehouse within a Dockerized environment container using MariaDB, Python (Pandas, PySpark, SQLAlchemy).
- Developed data transformation pipelines to standardize data from multiple database management systems (MariaDB, Postgres) using Python (Pandas, SQLAlchemy, NumPy, Pyspark) and SQL.
- Created dashboards and data visualizations using Metabase and wrote SQL queries to support business reporting, providing insights such as the top 20 clients and transaction success rates to monitor business performance.
- Developed Python scripts to clean data from bank clients, converting TXT reports to Excel format, enabling the finance team to analyze data more easily.

**Advanced Skills:** SQL, Python (Pandas, Pyspark, SQLAlchemy), Docker, Jenkins, Microsoft Excel, Metabase.

**National STEM Honor Society**, Boston, MA

January 2023 – May 2023

*Data Analyst Intern*

- Identified and tracked key metrics, trends, and insights to uncover patterns and areas for improvement, resulting in a 5% increase in website traffic and a 5% improvement in user engagement.
- Collaborated with cross-functional teams to develop SEO recommendations that significantly improved website visibility, leading to a 10% increase in search traffic.

**Advanced Skills:** Microsoft Excel, Google Analytics, Data Visualization.

**Gramedia Digital Nusantara**, Jakarta, Indonesia

August 2022 – September 2022

*Account Management Intern*

- Conducted in-depth data analysis and produced visualizations comparing the price index of products sold across different platforms of the business using Microsoft Excel.
- Built comprehensive datasets of over 500 products sold on the company's and competitors' online stores using Microsoft Excel.

**Advanced Skills:** Microsoft Excel, Data Visualization.

**Shandika Widya Cinema**, Jakarta, Indonesia

October 2020 – December 2020

*Marketing Intern*

- Analyzed demographic data of TV programs to identify viewer preferences and created visualizations using Microsoft Excel for easy interpretation.
- Implemented data-driven insights that resulted in a 5% increase in viewership for the most popular program.

**Advanced Skills:** Microsoft Excel, Data Visualization.

## DATA SCIENCE PROJECTS

**COVID 19 Vaccine Tracker** (Skills: SQL, Tableau) – [Link to Project](#)

- Conducted a comprehensive study on the global impact of COVID-19 using SQL. Visualized the study findings using Tableau, providing interactive and informative dashboards that presented key insights on the pandemic's effects.

**Wine Quality Ratings Predictor** (Skills: R Programming, Machine Learning, Advanced Statistics) – [Link to Project](#)

- Developed multiple Machine Learning Models in R to analyze how chemical properties influence wine quality ratings

## DATA SCIENCE SKILLS

**Programming:** Python (Pyspark, NumPy, Pandas, Openpyxl), SQL.

**Data Visualization:** Metabase, Tableau.

**Databases:** MariaDB, PostgreSQL.

**DevOps & Tools:** Docker, Jenkins.