Data Scientist & Analyst

OLIVIA STEFANY CAN

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Education

BACHELOR OF SCIENCE – Zhejiang University of Science and Technology – Hangzhou, Zhejiang, China — Present
Majors: Data Science and Big Data Technology

Skills

Programming & Data Science

- **Python**: pandas, NumPy, matplotlib, seaborn, scikit-learn, statsmodels, SciPy, TensorFlow, Keras, PyTorch
- **SQL**: PostgreSQL

Data Analysis & Statistical Skills

- **Data cleaning, Statistical analysis, Predictive modeling**

Data Visualization & Tools

- **Excel**: VLOOKUP, Conditional Formatting, Pivot Tables, Pivot Charts, Power Pivot
- **Version Control :** Git, Github

Softskills

- **Strategic communication, Leadership & teamwork, Analytical thinking, Problem-solving, Adaptability & continuous learning**

Languages

- **Indonesian (Native)**
- **English (Fluent)**
- **Mandarin (Intermediate)**
- Malay (Conversational)

Projects

ASSESSING SALES TRAINING EFFECTIVENESS – Personal Project — July 2025

- Performed **one-sample t-test in Python (pandas, NumPy, statistics)** on 25 sales transactions to evaluate training effectiveness
- Compared post-training average sales against historical mean ($100), concluding **no statistically significant improvement**
- Delivered **actionable data insights** and reports to support management decisions on training programs

HOUSING PRICE INSIGHTS – Personal Project — July 2025

- Executed comprehensive **exploratory data analysis on a 1,460-row housing dataset** using Python (pandas, NumPy, matplotlib, seaborn), including data cleaning and feature engineering
- Visualized data with bar charts, histograms, and scatter plots to uncover **patterns and key variable relationships**
- Identified **key predictors (GrLivArea, GarageArea)** to inform predictive modeling and real estate strategy

HOUSE PRICE PREDICTION – Personal Project — July 2025

- Built **a Linear Regression model in Python (pandas, NumPy, scikit-learn, matplotlib, seaborn)** to predict house prices
- Preprocessed data and analyzed features, highlighting **drivers such as square footage, lot size, and neighborhood quality**
- Demonstrated **strong predictive accuracy and reliable results** through standard evaluation metrics

BRAIN TUMOR CLASSIFICATION – Personal Project — August 2025

- Developed **CNN and transfer learning models in Python (TensorFlow, Keras, NumPy, Matplotlib)** to classify brain CT scans into tumor or non-tumor categories
- Performed data preprocessing, visualization, and feature analysis to **ensure robust training and balanced class representation**
- Evaluated performance via **accuracy, confusion matrix, and ROC curves**, achieving high classification accuracy and identifying areas for improvement

Certifications

- **Data Science Bootcamp**, *kelas.com* – Comprehensive program covering Python, SQL, statistics, machine learning, and deep learning, 2025
- **Leadership Workshop**, *ASEF x Movers* – Developed values-driven leadership, collaboration, and resilience skills to support impactful data projects, 2025