

VINCENT LEONARDO

DATA | AI | TECHNOLOGY

 [linkedin.com/in/vincentleoooo](https://www.linkedin.com/in/vincentleoooo)
 vincent@vinleonardo.com
 vinleonardo.com
 +65 8817 0611
 github.com/vincentleoooo

EDUCATION

- **Singapore University of Technology and Design**
Bachelor of Engineering with Honours (Engineering Systems and Design)
– Holder of the SUTD Undergraduate Merit Scholarship. SINGAPORE
MAY 2019 – AUG 2022

PROFESSIONAL EXPERIENCE

- **Regional Operations (Fraud) Intern**
Shopee Pte Ltd SINGAPORE
MAY 2021 – SEP 2021
– Wrangled and examined large user behavioural datasets using the Apache Hive ecosystem, Python, and SQL.
– Ideating rules that reduce instances of fraud and conducted testing and impact analysis thereof.

PROJECTS & COMPETITIONS

- **The Analytics Edge Data Competition**
SUTD SINGAPORE
NOV 2021 – DEC 2021
– Group achieved first place in terms of accuracy amongst the cohort.
– Developed an algorithm that determines sentiments given a set of tweet references about the weather. Applied the RoBERTa model in Tensorflow by translating Python code into R. Competition required only R code.
- **Synthesis Sustainability IRL Data Challenge**
Synthesis & Treatsure SINGAPORE
OCT 2021 – NOV 2021
– Group achieved third place in the data science challenge among around 135 participants.
– Modelled word associations and sentiments on food wastage and food surplus consumption from the provided dataset to advise Treatsure on improving ways to get more people to consume surplus food.
- **Classification of Myers-Briggs Type Indicator (MBTI) Type Based on Past Posts on Internet Forums**
SUTD SINGAPORE
OCT 2021 – DEC 2021
– Used PyTorch to predict the MBTI of the PersonalityCafe forum users based on their past fifty posts.
– Combined a CNN with an LSTM through experimentations in order to obtain a weighted-averaged F1 score of 0.78 for the top six classes. Attempted to use logistic regression, decision trees, and ensemble models.
- **Agent-Based Modelling for Airport Arrivals in a Post-Pandemic World**
SUTD SINGAPORE
OCT 2021 – DEC 2021
– Project, in the form of a web app using d3.js, was featured in the pillar newsletter in early 2022.
– In charge of designing and coding the simulation such that its use and analysis will be much more user-friendly.

SKILLS

Data Wrangling · Statistics · Machine Learning
Neural Networks · Optimisation · Simulations
Creativity · Problem-solving · Communication
Adaptability · Attention to detail

TOOLS

Python · R · JavaScript · SQL · Tableau · \LaTeX
English · Bahasa Indonesia · Malay

OTHER EXPERIENCE

- Teaching assistant for 60.002 AI Applications in Design (2022).
- Participating in the Create4Good Innovation Fund Social Venture Programme under Silver Online Society (2022).
- Participated in the Temasek Foundation-National University of Singapore Leadership Enrichment and Regional Networking Young Asian Leaders Initiative (2021).
- Chief Photographer, SUTD Photographic Circle (2021–2022).
- Advisor, Media & Marketing, SUTD 9th Student Government (2021–2022).