

Anne Hsu

[Tableau](#) | [LinkedIn](#) | Email: elba8241@gmail.com |

DATA ANALYST

I am a skilled data analyst with 3.5+ years of experience in data cleaning and visualization. My passion for the power of data was sparked during my first project on bacteria population growth, driving me to pursue a career in this field. I am confident in my ability to provide valuable insights and inform data-driven decisions, and I look forward to leveraging my expertise to contribute to the success of your organization.

TECHNICAL SKILLS

Languages	: SQLite, Python
Platforms	: Windows, AWS
Microsoft Office	: Excel, PowerPoint, Word
Visualization	: Tableau, Matplotlib, Seaborn
Soft Skills	: Communication, Teamwork, Problem-solving
Other	: Statistical Analysis (SPSS, IPMP), Slack, Teams

CERTIFICATIONS

Data Analytics (Caltech) bootcamp

Apr 2023

PROJECTS

Movie Industry Analysis

Python, Tableau

[Source Code](#)

- Data cleaning & data manipulation on a 3.5 million rows dataset across 7 tables by **Python**
- Analyzed movies for rating, language, top 10 directors, actor career length of 128 years record by **Python & Tableau**
- Determined top 10 features for worldwide movie rating prediction with ML by **Python**

Products Quality Analysis

Excel, PowerPoint, SPSS

- Data cleaning & data manipulation of 2 years inspection data by **Excel & SPSS** for quality control range
- Improved product testing duration by identifying correlation coefficients using **Excel**
- Analysis of QC Report Visualization by **PowerPoint**

Analysis of Population Growth

Excel, PowerPoint, SPSS, IPMP

- Pioneering on predictive modeling to approximate the behavior of bacteria population in Taiwan
- Data cleaning, manipulation **Excel & SPSS & IPMP** and visualization of real-world data for ML model by **PowerPoint**
- Modeling the Effect of Temperature on the Growth of Uropathogenic Escherichia coli (UPEC) in Ready-to-Eat Chicken in Taiwan. 2020
- Modeling the temperature effect on the growth of uropathogenic Escherichia coli in sous-vide chicken breast. 2023 (Revision status)

EXPERIENCE

Data Analyst

Kouchan miller, Great Wall Enterprises

Sep 2020 – Mar 2022

Taiwan

- Researched and **analyzed observational data** from measurements by **Products Quality Analysis**

Data Analyst

National Taiwan University

Sep 2018 – Jun 2020

Taiwan

- Worked in Food Science and Technology Department to develop **predictive model** for **Population Growth**
- **Cleaned and analyzed** real world data to generate viable datasets for modeling

EDUCATION

Caltech Data Analytics Bootcamp

Data Analytics Program

United States

Oct 2022 – Apr 2023

Master of Science at National Taiwan University

Food Science

Taiwan

Sep 2018 – Jun 2020

Bachelor of Science at Taipei Medical University

Nutrition & Health

Taiwan

Sep 2011 – Jun 2016