

SIN YEE WU (Mandy)

Data Analytics Professional | Machine Learning Specialist

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PROFESSIONAL EXPERIENCE

Product Business Analyst

YOOV Internet Technology (HK) Limited

April 2025 – May 2025

Hong Kong SAR

- Conducted comprehensive AI automation market research, identifying \$13.9B untapped mid-market opportunity in APAC markets
- Utilized market research findings to develop customizable application solution targeting Australian mid-market
- Collaborated with cross-border development team in China to enhance UI/UX design for the user center
- Implemented and tested AI OCR application, monitoring model accuracy and application performance across document types
- Engineered proof-of-concept automated validation workflows with anomaly detection capabilities, integrating cross-reference validation system to reduce manual review time
- Authored support documentations using JavaScript, Gitbook, word, and HTML
- Gathered business requirements and developed an AI-powered solution proposal to leverage existing AI platform to automate due diligence workflows, accelerate research and centralize data collection

Language Data Evaluator

Volga Partners LLC

January 2024 –

April 2025

Remote

- Evaluated and labeled multilingual text/image/video datasets for LLM training using UIIRS platform
- Exceeded hourly judgment targets by 22-550% while maintaining over 90% accuracy in multilingual data validation and annotation
- Translated HIT App and annotation guidelines between English and Simplified Chinese
- Applied systematic quality assurance methodologies for ML training data, analyzed search relevance through structured evaluation criteria (relevance, diversity, technical quality)
- Validated content across multiple criteria including language accuracy and cultural context

Assistant Strategic Project Manager

The Hong Kong Jockey Club

December 2023 –

September 2024

Hybrid

- Coordinated 2 concurrent BI initiatives leveraging Azure Databricks for ETL processing and Tableau for visualization.
- Created and maintained project documentation, including business requirement documents and data dictionaries, ensuring clarity and alignment across teams
- Designed and developed 3 Tableau dashboards with hierarchical drill-downs and custom SQL extracts, reducing monthly ad-hoc reporting requests from 15+ to under 3
- Aligned with the data engineering team to orchestrate ETL workflows in Azure Databricks, reducing processing latency and enabling near real-time Tableau refreshes
- Integrated ML model outputs from Azure Databricks into Tableau dashboards using calculated fields and parameters, enabling predictive analytics visualization.

Senior Business and Data Analyst

Chow Sang Sang Holdings International Limited

March 2023 – April 2023

Hong Kong SAR

- Optimized and monitored performance of 3 QlikView master documents
- Investigated and troubleshoot QlikView dashboard issues, including data load failures, user access rights, and expression errors, maintaining 98% dashboard availability through regular monitoring

- Scheduled NPrinting report distribution of 100+ QlikView reports (Excel, PDF) to 200+ stakeholders, monitoring recipient lists and publishing schedules to ensure timely delivery
- Conducted sales analysis using Python to identify \$3M in revenue opportunities, and developed interactive QlikSense dashboards to communicate findings
- Administered BI documentation, security access controls, and project backlog while revising training materials and coordinating system updates.

Business Analyst

Yick Chize Development Company Limited

- Developed operational and executive dashboards, providing real time insights that improved operational efficiency
- Created business requirements document and translated the requirements into technical terms for IT projects.
- Analyzed the current business operation and identified language barriers and knowledge gaps across departments
- Spearheaded the data quality assessment (DQA) process, resulting in a 32% increase in DQA scores
- Implemented User Acceptance Testing on dashboards with the data team, ensuring the dashboards met the user requirements and were optimized for data analysis

November 2019 –

August 2022

Hong Kong SAR

Strategy Analyst

Tink Labs Limited

- Devised and implemented market expansion strategy, driving 20% growth in the Scandinavian market
- Streamlined the onboarding process by revising training materials and process documentation
- Maintained CRM backlog to ensure efficiency, effective communication, and user satisfaction
- Evaluated and visualized sales performance metrics using Excel and PowerPoint

July 2017 – July 2018

Hong Kong SAR

EDUCATION

Postgraduate Diploma in Hospitality Management

Hotel Institute Montreux

2016 – 2017

Montreux, Switzerland

MA (Hons) in Philosophy

University of St Andrews

2012 – 2016

St Andrews,
United Kingdom

KEY CERTIFICATIONS

IBM Machine Learning Professional Certificate

Coursera

Completed with 96.95% average grade on Deep Learning, Supervised & Unsupervised ML.

2024

Google Business Intelligence Professional Certification

Coursera

Completed with 92.72% average grade on Data Modeling, ETL Pipelines, and Business Analytics.

2023

Google Data Analytics Professional Certificate

Coursera

Completed with 100% grade on Data Analysis, Visualization, R Programming, and Capstone Project.

2022

Machine Learning in Production

DeepLearning.AI

Completed with 100% grade, covering ML lifecycle, deployment patterns, and production optimization.

2025

Certiprof

Certified in global remote work practices, virtual collaboration, and distributed team management.

TECHNICAL SKILLS

Data Analysis & BI

- Analytics: Python (NumPy, Pandas), SQL (ANSI SQL, T-SQL), Query Optimization, Excel (VBA, Power Query, DAX)
- Visualization: Tableau, QlikView/Sense, Matplotlib, Seaborn
- ETL & Pipelines: PySpark, Alteryx

Cloud & Infrastructure

- Platforms: Azure Databricks, GCP
- APIs: REST APIs, FastAPI

Project Management

- Tools: JIRA, ClickUp, Trello, MS Project, Confluence
- Methodologies: Agile, Waterfall, Kanban, Scrum, Critical Path Method
- Technical Documentation
- Remote Collaboration: Microsoft Teams, SharePoint, spreadsheets

Machine Learning & AI

- Frameworks: Scikit-learn, TensorFlow, PyTorch
- Subset: Natural Language Processing (NLP), Deep Learning
- Model Development: Classification, Regression, Clustering
- Production: MLflow, Azure ML, Model Deployment

Frontend Development

- React, JavaScript, HTML/CSS

Business Analytics

- Requirements Gathering & Elicitation: BRD, FRD, Use Case Development, Process Mapping, Functional Specifications
- Analysis & Modeling: Gap Analysis, Workflow Optimization, DFD, Root Cause Analysis, Cost-Benefit Analysis
- UAT (User Acceptance Testing), Version Control

SOFT SKILLS

Cross-Functional Team Collaboration |
Problem-Solving | Stakeholder Management |
Project Coordination | Communication |
Time Management | Strategic Thinking

LANGUAGES

English, Cantonese, Mandarin
Native

Spanish
Conversational

ADDITIONAL CERTIFICATIONS

Machine Learning with Python [↗](#)

Coursera

2024

Alteryx Designer Core Micro-Credential: General Knowledge [↗](#)

Alteryx

2024

Machine Learning Fundamentals Micro-Credential [↗](#)

Alteryx

2024

Advanced Data Visualization with Tableau [↗](#)

Skill-Up EdTech

2024