

VIDYARTH SINGH

Business Analyst | Data Analyst

+852 84039415 | vidhyarth Singh30@gmail.com | [linkedin.com/in/vidhyarth Singh30](https://www.linkedin.com/in/vidhyarth Singh30) | github.com/physicalanxiety |
Hong Kong, HK SAR

PROFESSIONAL SUMMARY

MSc Business Analytics candidate at CUHK (graduating Jun 2026) with 1.5 years of experience as a Data Analyst — cleaning 50K+ row datasets, building Power BI and Excel dashboards, and delivering 6 stakeholder reports monthly. Achieved a 30% reduction in data preparation time through Python (pandas) automation at NewJobs.ai. Proficient in Python, SQL (MySQL), and Excel. Seeking a Business Analyst or Data Analyst role at a data-driven firm in Hong Kong.

SKILLS

Languages & Tools: Python 3.x (pandas, matplotlib), SQL (MySQL 8.x), Power BI, Microsoft Excel (Pivot Tables, VLOOKUP, Power Query), Git, Jupyter Notebook

Techniques: Exploratory Data Analysis (EDA), Data Cleaning & Transformation, Data Visualisation, Reporting & Documentation, Dashboard Design

EXPERIENCE

Data Analyst

May 2024 – Jun 2025

NewJobs.ai | Academy for Upskilling · Lucknow, India · Hybrid, Full-time

- Cleaned and transformed datasets (~50K rows) using Python 3.x (pandas) and Excel, reducing data preparation time by 30% for recurring reporting workflows.
- Built Excel Pivot Table dashboards and charts to track learner engagement metrics across 8 cohorts, enabling weekly data-driven team reviews.
- Queried MySQL databases to extract and validate operational data across 4+ reporting tables, ensuring data accuracy for 6 recurring monthly stakeholder reports with zero pipeline errors.
- Documented end-to-end analysis steps and delivered 6 stakeholder reports per month, translating raw findings into actionable business summaries.

Data Analyst Intern

Nov 2023 – Apr 2024

NewJobs.ai | Academy for Upskilling · Lucknow, India · On-site, Internship

- Cleaned and standardised 25+ raw data files in Excel, ensuring consistency across records used in downstream analysis and reporting.
- Processed and summarised 10+ datasets weekly using Python 3.x (pandas) — filtering, grouping, and aggregating records — enabling on-time delivery of all reporting deliverables across 5 concurrent analyst projects.
- Prepared summary sheets and Excel visualisations across 5 active projects, cutting average report turnaround time by ~40% and enabling same-day analyst reviews.

PROJECTS

ULD Movement Advisor — HACTL × CUHK Business Analytics Capstone

Mar – May 2026

- Led full data analysis for a group capstone with HACTL (Hong Kong Air Cargo Terminals Limited), the largest air cargo handler at HKIA, to build an AI-driven ULD (Unit Load Device) movement advisory system.
- Cleaned and integrated 3 operational data streams (~360K total records): ULD-to-flight assignments (EOTT), CSS order movement reports, and warehouse operator audit logs — producing a unified dataset mapping system events to physical cargo movements.
- Performed EDA on ULD dwell times, operator behaviour, and retrieval sequences; translated findings into structured requirements delivered directly to HACTL client stakeholders.

Cassiopeia — Language Learning Web App

Mar – May 2026

- Led requirements gathering and frontend delivery for a YouTube-based language learning platform as Frontend Lead in a cross-functional team of 5, owning the video + transcript feature end-to-end.
- Defined functional specifications for a split-screen interface (video player, scrollable clickable transcript, word-definition sidebar) and coordinated API contracts with backend teammates for transcript fetching (YouTube API) and dictionary lookups.

- Implemented the video page (Next.js/React) and Definition Panel component, integrating Supabase caching, click-to-seek video navigation, and flashcard save functionality — delivered against team acceptance criteria across 6 weekly sprints.

EDUCATION

MSc in Business Analytics

Sep 2025 – Jun 2026 (Expected)

The Chinese University of Hong Kong (CUHK) · Scholarship Recipient

Coursework: Data Analytics, Business Intelligence, Statistical Modelling, Operations Research

Bachelor of Business Administration

Sep 2020 – Jul 2023

Babu Banarasi Das University, Lucknow

Coursework: Economics, Maths, Business, Supply Chain Management

CERTIFICATIONS

Python — The Chinese University of Hong Kong | 2025

Data Analysis Upskill Program (Python, MySQL, Excel, Data Visualisation) — NewJobs.ai | Sep 2023 – Mar 2024

Introduction to Data Analytics — Coursera | 2024

ADDITIONAL

Languages: English (Fluent) · Hindi (Native) · Mandarin (Beginner)

Leadership: Class Representative & Cultural Coordinator — organised 30+ student events and served as liaison between students and faculty