KESHAV BHANDARI

DATA ANALYST | BUSINESS INTELLIGENCE | REPORTING

United Kingdom | +44 (0)7824 689590 | imksav@gmail.com

linkedin.com/in/imksav | github.com/imksav | keshavbhandari.com.np

PROFESSIONAL SUMMARY

MSc Computer Science graduate focused on Data Analyst, BI and reporting roles, with practical experience in SQL/PostgreSQL, Advanced Excel, Power BI, Tableau and Python. Hands-on project work covers large-scale data cleaning, dashboard development, customer and commercial analysis, data preparation and predictive modelling. Professional background includes operational data analysis, reporting and digital systems management, with experience communicating technical findings to non-technical stakeholders.

TECHNICAL & ANALYTICAL SKILLS

Data & BI: SQL, PostgreSQL, Advanced Excel (PivotTables, Pivot Charts, Slicers), Power BI (DAX, KPI Dashboards), Tableau, Data Analysis, Data Cleaning, Data Transformation, Data Validation, Data Visualisation, Exploratory Data Analysis (EDA)

Python & Analytics: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Statistical & Predictive Modelling, Machine Learning

Reporting & Business Analysis: Business Intelligence, KPI Development & Monitoring, Customer Segmentation Analysis, Stakeholder & Executive Reporting

DATA ANALYTICS & RESEARCH PROJECTS

PostgreSQL Data Cleaning & Analytics Project | PostgreSQL, SQL

- Cleaned and standardised 500K+ rows across multiple messy datasets, preparing raw data for analysis and reporting.
- Applied SQL data-cleaning techniques including CASE expressions, pattern matching, text standardisation, date/timestamp handling and regular expressions to improve consistency across fields such as names, contact details, dates, monetary values, quantities, status and payment methods.
- Created an analytics-ready cleaned dataset from the processed source data.
- Project link: https://github.com/imksav/customer-360-sql-analytics

Quantium Data Analytics Job Simulation | Transaction Data, Customer Analytics

- Analysed transaction data to support commercial decision-making for a Category Manager and assess the performance of trial store layouts.
- Prepared and examined customer and transaction data to identify behavioural patterns and generate commercially relevant insights.
- Identified suitable benchmark stores for uplift testing and prepared reports to support evaluation of trial performance and store-layout decisions.
- Project link: Certificate

Deloitte Australia Data Analytics Job Simulation | Excel, Tableau

- Analysed and structured a complex multi-variable business dataset using Excel, applying advanced filtering, classification and categorisation techniques.
- Investigated patterns within the data and prepared analytical outputs to support stakeholder interpretation and decision-making.
- Developed an interactive Tableau dashboard with drill-down functionality to communicate findings clearly and support data-driven reporting.
- Project link: Certificate

PwC Switzerland Power BI Job Simulation | Power BI, DAX

- Analysed workforce data using Power BI, DAX and data transformation to examine headcount, promotion rates, performance scores and attrition by gender and seniority.
- Developed KPI dashboards and summarised findings for senior engagement partners.
- Project link: Certificate

MSc Dissertation - Heart Disease Prediction | Python, Machine Learning

- Prepared and analysed the 303-patient Cleveland Heart Disease Dataset across 14 clinical features using Pandas and NumPy, including missing-value handling, duplicate checks and normalisation.

- Evaluated seven classification algorithms using accuracy, precision, recall, F1-score and confusion matrices; Random Forest achieved 83% accuracy within the study dataset.
- Project link: https://github.com/imksav/cardiovascular-ml-research

BSc Dissertation - Face Recognition Attendance System | Python, OpenCV, Flutter, Firebase

- Developed an automated attendance data-collection system using Python, OpenCV and Haar Cascade Classifiers, including preparation of custom image datasets through grayscale conversion and resizing.
- Integrated a Flutter application with Firebase and a Python backend via API for real-time capture, with structured attendance records exported to CSV for administrative use.
- Project link: https://github.com/imksav/attendanceapp

PROFESSIONAL EXPERIENCE

IT Manager & Data Systems Lead

Prithwi Secondary Boarding School, Nepal | Apr 2020 - Dec 2023

- Analysed operational performance data and deployed real-time dashboards across three departments.
- Automated reporting for 500+ records and contributed to a reported 35% reduction in issue-resolution time.

AWS Educate Student Ambassador

Amazon Web Services | Apr 2020 - Apr 2021

- Delivered 10+ cloud data analytics workshops to 300+ students using AWS S3, Athena and QuickSight.
- Supported AWS Educate platform adoption, with a reported 45% increase in platform adoption during the programme.

EDUCATION

Master of Science in Computer Science (MSc)

University of Wolverhampton, United Kingdom | Jan 2024 - Feb 2025

Dissertation: Human Heart Disease Prediction System Using Machine Learning Algorithms

Bachelor of Computer Science (Hons.)

Sunway International Business School, Nepal - affiliated with Infrastructure University Kuala Lumpur | Oct 2019 - Feb 2023

Dissertation: Face Recognition Attendance System Using Haar Classifier with OpenCV for Educational Institutions

CERTIFICATIONS & TRAINING

- Deloitte Australia Data Analytics Job Simulation - Forage | Aug 2026
- Quantium Data Analytics Job Simulation - Forage | Aug 2026
- Introduction to Career Skills in Data Analytics - LinkedIn Learning, Robin Hunt | Jun 2025
- PwC Switzerland Power BI Job Simulation - Forage | Aug 2024
- Foundations: Data, Data, Everywhere - Google / Coursera | Jul 2024
- Data Visualisation with Python - Great Learning Academy | Jul 2024

LANGUAGES

English - Fluent | Hindi - Fluent | Nepali - Fluent