Mohan Kumar Pudasaini

WCO Accredited Customs Advisor | Data Analytics & Risk Management Expert

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Professional Summary

Professional and World Customs organization (WCO) Accredited expert with over a decade of expertise in enforcement and compliance. Dual specialist in Risk Management and Data Analytics, combining extensive training experience with comprehensive knowledge of international customs procedures. Proven track record in legal/regulatory assessments, customs reform, risk management, and WCO-aligned trade facilitation missions.

Professional Accreditations

WCO Accredited Technical and Operational Advisors | World Customs Organization
- **Data Analytics** (Accreditation Year: 2025)
- **Risk Management** (Accreditation Year: 2025)

Education

Master's Degree in Mathematics Education (Quantitative and Statistical Focus) | 2015
Tribhuvan University, Nepal
- Specialization: Mathematics
- First Division (65%)
- Relevant coursework: Mathematical Statistics, Mathematical Analysis, Research Methodology

Data Analytics Professional Training | 2024
Sungkyunkwan University, South Korea
- Advanced training in applied data analytics for customs and trade

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Professional Experience

Risk Management & Data Analytics Expert

Department of Customs, Government of Nepal | July 2017 - Present

Research & Analytics:
- Applied machine learning and statistical modeling to customs datasets for risk targeting and compliance prediction
- Developed econometric models for revenue forecasting

Policy & Reform:
- Led analytical support for WTO Trade Facilitation Agreement implementation
- Conducted diagnostic assessments of risk management frameworks aligned with WCO standards
- Provided data-driven policy recommendations to senior management on customs modernization

Recognition:
- Best Employee Award 2021 (Department of Customs)

Data Analyst / Statistics Officer

Department of Commerce and Supplies, Government of Nepal | Dec 2015 - July 2017
- Conducted market analysis and foreign trade statistics evaluation
- Applied econometric techniques to identify trade patterns and consumer behavior trends
- Collaborated with government agencies on evidence-based policy development

Statistics Supervisor

Central Bureau of Statistics, Government of Nepal | Sept 2014 - Dec 2015
- Supervised national census and survey data collection operations
- Designed training programs for field enumerators
- Ensured data quality control for national statistics

International Advisory & Capacity Building

2025
- **Speaker** | International Seminar - Customs Policy Forum, Indonesia (Dec 2025)
- **Panelist** | 13th IMF Statistical Forum, USA (Nov 2025)
- **Co-Facilitator** | WCO-ESCAP 8th UNNExT Masterclass, South Korea (Nov 2025)
- **Panelist** | AI Agents for Facilitating Paperless Trade (UN ESCAP, ADB, ICC, WCO) (June 2025)
- **Co-Facilitator** | WCO National Workshop on Data Analytics, Türkiye (Oct 2025)
- **Panelist** | UNESCAP Paperless Trade Week, Thailand (June 2025)

- **Co-Facilitator** | WCO National Workshop on Risk Management, Uzbekistan (June 2025)
- **Co-Facilitator** | WCO National Workshop on Risk Management, Kazakhstan (May 2025)

2024
- **Co-Facilitator** | WCO-ESCAP 6th UNNExT Masterclass, South Korea (Feb-Mar 2024)

Complete list of international engagements: pudasainimohan.com.np/talk

Publications

- **Pudasaini, M. K. (2025).** *Bilateral Trade Asymmetries Between Nepal and India: Evidence from Mirror Statistics.* 13th IMF Statistical Forum, Washington, D.C.

- **Pudasaini, M. K. (2025).** *Using AI to Identify and Expedite Environmental Goods at Customs.* Paperless Trade Week 2025, UN ESCAP & ADB, Bangkok, Thailand. (Full paper submitted).

- **Pudasaini, M. K., et al. (2025).** *Mobile-based ecological momentary assessment and ML for predicting suicidal ideation among MSM.* NHRC Summit 2025, Kathmandu, Nepal.

- **Pudasaini, M. K. (2025).** *Data-Driven Customs: A Strategic Blueprint for the Digital Age.* In *Customs Souvenir 2081*, pp. 192–197. Customs Department, Nepal.

- **Pudasaini, M. K. (2024).** *Is Nepal Geared Up for AI-Powered Risk Management in Customs?* In *Customs Souvenir 2080*, pp. 276–283. Customs Department, Nepal.

- **Ghimire, C., Bhandari, S., Pudasaini, M. K., & Ghimire, R. P. (2022).** *Impact of Trade Agreements on Revenue Mobilization in Nepal.* Revenue Advisory Committee, Ministry of Finance, Nepal.

Technical Skills

Programming & Analysis: - Python, R, SQL, STATA
- Statistical modeling, machine learning, econometric analysis
- Natural language processing, time-series analysis
- Visualization: Tableau, Power BI, ggplot2

Domain Expertise: - Customs data systems and trade databases
- Risk-based compliance frameworks
- International customs standards (WCO instruments)
- Trade facilitation measures (WTO TFA)

Teaching Experience

Mathematics Teacher
Navodaya Shishu Sadan English Boarding School, Hetauda | Aug 2011 - Sept 2014
- Designed curriculum-aligned mathematics instruction for secondary students
Recognition:
- Best Teacher Award 2013, 2012 (Private and Boarding School Organization, Makawanpur)

Languages

- English (Fluent - working language for international advisory)

- Nepali (Native)

Declaration: I confirm that the details provided are true and accurate to the best of my knowledge.