

Ayushi Shakya

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SUMMARY

- Data oriented professional with 7 years of experience driving enterprise-wide data-driven risk assessments across global organizations. Recent master's in data science graduate from Singapore Management University
- 6 years of experience in on-site stakeholder management successfully driving data literacy and analytics adoption across telecom, manufacturing, healthcare, q-commerce and financial services clients for proactive risk management

KEY SKILLS

- Risk Consulting (Internal Audit, Revenue Assurance)
- Stakeholder Management
- Data Analytics & Visualization
- Process Improvement
- Machine Learning & Data Modeling
- Data Governance

EXPERIENCE

COMMERCIAL DATA ANALYST

foodpanda

Singapore

Dec 2023 – Jun 2024

- Architected end-to-end data pipelines using Python and Google Cloud to track key commercial metrics, enabling self-service analytics for stakeholders across multiple business functions
- Proposed innovative process solutions, including a Python script for web scraping food blog recommendations, supporting lead generation for sales operations

SENIOR ASSOCIATE RISK ANALYTICS

Grant Thornton LLP (US)

Bengaluru, India

Jun 2022 - Jul 2023

- Architected analytics-based risk assessment pertaining to Payroll, Travel & Expense, and Journal Entry analytics; identified and articulated key trends and insights for non-technical client audiences using Power BI
- Tested operating effectiveness of IT controls against the benchmarked standards of SOX for a leading financial services company
- Conceptualized and Developed Go-to Market solutions pertaining to Risk Analytics; the demo materials contributed to winning 2 new clients for the firm

BUSINESS CONSULTANT

EY

Gurugram, India

Jun 2017 – May 2022

- Headed a team of 5 analysts for data-driven revenue assurance (RA), preventing USD 300K in revenue leakage; enabled the client's digital transformation by utilizing Apache Hive to test and validate logic, deploying optimized solutions on the in-house RA tool to enhance monitoring for 20+ high and medium-risk controls
- Streamlined the framework to monitor Capex with ~90% accuracy for USD 309 Mn in installed assets across ~32k locations by reconciling the Fixed Assets Register with network deployment via reusable iterative algorithm in Alteryx
- Collaborated with internal IA teams, client business owners, and the corporate audit group to automate analytical scripts in Alteryx for 200+ controls across business functions
- Published dashboards of risk indicators in Power BI to help the client continuously monitor control effectiveness health
- Collaborated with the Corporate Audit Group to charter internal audit scopes by leveraging extensive data analytics through trends and metric analysis across various operational circles for 2 financial quarter reviews

ASSOCIATE CONSULTANT, ANALYST

EY

- Conducted end to end systems reconciliations for Enterprise Business Unit on-site in Cameroon, Africa to highlight operational, financial, and regulatory risks; assisted to rectify issues leading to uplift in monthly revenue by USD 125K
- Led on-ground Order-to-Cash process evaluation and re-design for Cameroon's biggest telecom Enterprise business
- Designed Risk and Control Matrix, KPI, and Exceptions Dashboards, and provided hands-on training to the telecom client's operations team to support Control Operationalization
- Streamlined and validated billing processes for a tower company, ensuring alignment with MSA contract provisions and accuracy in invoicing

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY

M.Sc in Data Science and Machine Learning | MITB Scholarship

Singapore

2023 – 2024

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

B.Engg Electronics & Communication | Training & Placement Cell coordinator

New Delhi, India

2013 – 2017

TECHNOLOGY STACK

Programming Languages: Python, R

Data Visualization: Power BI, Tableau

Database Querying/ ETL tools: MySQL, Google Big Query, Apache Hive, Alteryx

ML Frameworks: Scikit-Learn, NumPy, Pandas

Other Tools: SAS Viya, Subex ROC RA, RSA Archer, Microsoft Visio, Microsoft Office (Word, PowerPoint, Excel)