

Ayushi Shakya

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TECHNICAL SKILLS

Programming Languages: Python, SQL(BigQuery, MySQL, PostgreSQL), R
Technical Tools: SAS Viya, Alteryx, Power BI (incl DAX), Tableau, Looker Studio, Visio, SAS VA
Libraries: pandas, NumPy, Matplotlib,seaborn,NLTK
Familiar: Data Modelling, ETL/ELT data Pipeline,Amazon S3, Databricks, Airflow

EXPERIENCE

foodpanda

Dec 2023 - Jun 2024

Commercial Data Analyst

Singapore

- Designed a **scenario-based vendor risk model** using Google BigQuery to identify high-risk vendors; enabled proactive outreach and reduced vendor offline rates **by 30%**.
- Deployed a **Python-based web scraper** to ingest unstructured data,enhancing lead generation by 10%.
- Conducted **A/B testing** on **pickup business pricing strategies with product team**, boosting order volume and driving a **6% increase** in market share.
- Automated business reporting tasks** using **Google Cloud Platform**, reducing ad-hoc data requests by 45%.

Grant Thornton (Client Facing)

Jun 2022 - Jul 2023

Senior Data Analytics Associate

India

- Led a **3-member team** to deliver Accounts Payable Analytics dashboards in Power BI, conducting **client walkthroughs to refine requirements** and improve review efficiency by **16%**.
- Led a team of 2 to **automate data aggregation and manipulation** for Travel & Expense analysis in **Python**, enhancing anomaly detection and surfacing **15% non-compliant claims for client review**.
- Deployed **payroll validation automation in Power BI with Row level security** enhancing data **governance** and reducing review effort by **27%**.
- Developed a machine learning-based churn prediction model in Python** using logistic regression, identifying high-risk customers and increasing retention campaign conversion by **18%**.
- Spearheaded a **team of 4 to build ETL workflows** in Alteryx and Power BI for **100+ controls automation** with **drill-through insights**, reducing client's exception identification time by **60%**.

EY (Client Facing)

Oct 2020 - May 2022

Data Consultant

India

- Led a **team of 5** associates in optimizing and operationalizing **45+ high-risk** legacy Hive SQL scripts,**restoring functionality** of a **proprietary risk monitoring tool** overseeing **\$2.9M in daily transactions**.
- Led SQL-based systems reconciliation for Order-to-Cash **on-site in Africa**; partnered with **9+ business heads** to **map process gaps** and drive a **38% boost** in recurring revenue.
- Architected **NLP-based sentiment model in Python on 1M+ data points**, informing digital journey redesign, and improving **Net Promoter Score** by **7%**.
- Partnered with the **client's Audit Group** to define audit scope and coverage by conducting **trend analysis in SQL across \$4.5M in transactions**, delivered executive presentations on prioritizing high-risk areas for targeted audits.

EY (Client Facing)

Jun 2017 - Sep 2020

Associate,Data Analyst

India

- Led UAT for Power BI dashboards, **validating against business rules and coordinating with stakeholders** to ensure accurate, executive-ready insights.
- Automated a **billing validation rule-based model** in Excel after **conducting walkthroughs with finance teams**, reducing invoice disputes by **25%**.
- Led **geospatial analysis in Power BI** for **30K+ sites**, identified redundant infrastructure preventing **\$185K in losses**.

EDUCATION

Singapore Management University <i>Masters in Data Science</i>	Singapore <i>Graduation - 2025</i>
Jaypee Institute of Information Technology <i>Bachelor of Engineering</i>	New Delhi, India <i>Graduation - 2017</i>

AWARDS AND ACCOLADES

Singapore Management University:	Academic Scholarship
Grant Thornton:	Kudos;3 Recognitions - Agility, Collaboration
Ernst & Young (EY):	I am Exceptional Award;Spotlight-Quality Expert Award;Kudos