

KETKI GODSE

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Technologies: Python (Pandas, NumPy, Scikit-learn), R, Excel, T-SQL, Tableau, Power BI, Bash, C, Git

Software: R Studio, Jupyter Notebook, MS SQL Server, Azure DevOps, Azure Data Studio, Databricks, Snowflake, Jira

EDUCATION

Master of Science in Information Management | University of Washington (Jun '24) (GPA: 3.91)

Specialization in Data Science & Business Intelligence

Exploratory Data Analysis, Statistical Inference, Supervised and Unsupervised Machine Learning, Interactive Information Visualization, People Analytics, Product & Project Management, Relational Database Management, Business Intelligence Systems

Bachelor of Engineering in Electronics and Telecommunication | University of Mumbai (Jun '21)

RELEVANT EXPERIENCE

Technical Risk Consultant (Internal Audit) | EY | Seattle (Feb '25 – Oct '25)

Tools: Python, SQL, GitHub, Snowflake

- Conducted subscription revenue, discount, and sales tax analysis for the client to identify anomalies, performed reconciliation between various data systems and ensured no material weakness or huge variances (~500K) were present in reported financial data.
- Tested 25+ access, change management, and backup recovery controls for client's applications, analyzed control evidence and data logs to identify security gaps and enhance SOX compliance.
- Assessed 10+ automated data jobs and system interfaces by reviewing Python and SQL code, to validate configurations, monitor job failures, and verify whether access and change management procedures are followed.
- Performed data lineage and data element mapping across 10+ databases and 30+ tables in Snowflake to capture all attributes handling financial data, enabling targeted control implementation, and enhanced traceability for SOX-critical data flows.
- Created a data flow diagram illustrating the end-to-end movement of data from upstream PSP systems through AWS S3 and Snowflake to NetSuite, assisting in control placement across the data pipeline.
- Collaborated with cross-functional teams and stakeholders across the U.S. and international clients to align on control testing procedures, evidence collection, and issue remediation.

Data Scientist Intern | Elile AI | Seattle

(Jul '24 – Sep '24)

Tools: Python, Databricks, Apache Spark, T-SQL

- Analyzed business requirements and developed forecasting models to predict inverter heatsink temperatures, reducing equipment failure risks and minimizing unexpected breakdowns by 15%, hence improving operational reliability.
- Optimized maintenance scheduling processes, leading to a 20% reduction in equipment downtime and significant cost savings, enhancing operational workflows and business efficiency.

Data Scientist | University of Washington | Seattle

(Jun '23 – Jun '24)

Tools: Python, Jupyter Notebook, Azure DevOps, T-SQL, Power BI, Azure Data Studio

- Developed sales forecasting models using time series analysis for UW dining facilities in collaboration with finance teams, improving budget accuracy, reducing overspending, and increasing profit margins by 5%.
- Optimized staffing schedules and inventory management, reducing ingredient wastage by 10% and improving operational efficiency, which directly increased profitability and streamlined business operations.
- Created a Power BI dashboard to visualize key performance indicators (KPIs) for the ticketing system, improving response times by 20% and boosting customer satisfaction by 25% through more efficient ticket handling.

Data Analyst (Capstone) | Included.ai | Seattle

(Oct '23 – Jun '24)

Tools: Research, Interviewing, Project Management, Agile Methodologies

- Led user research by interviewing diversity leaders and over 50 individuals from various ethnographic groups, analyzing SEC Regulations and ISO Standards to drive DEI reporting improvements.
- Standardized DEI reporting format, improving transparency and driving executive-level decisions regarding diversity initiatives across multiple companies.

Financial Analyst – II | J.P. Morgan Chase & Co. | Mumbai

(Jul '21 – Apr '22)

Tools: PitchBook, Salesforce, Qlikview, Advanced Excel, Bloomberg, Market Research

- Analyzed private financial data of clients and designed QlikView dashboards to visualize KPIs thus streamlining client reporting processes, enabling more efficient financial analysis, and improving decision-making.
- Applied advanced Excel techniques to analyze large datasets, providing actionable insights that led to a 10% increase in treasury project inflow and a 7% boost in banking project engagement, directly supporting business growth.

PROJECTS

Business Intelligence - Kimball Data Warehouse for Store Analysis

- Built a Kimball data warehouse with dimensional modeling, staging, fact, and dimension tables, and views connected to Tableau, enabling a 30% increase in data accessibility and driving data-driven decisions on sales, targets, and store performance.

People Analytics: Empowering X: Optimizing Strategies for Reporting Sexual Harassment at Workplace

- Executed in-depth analysis of employee and organizational surveys using statistical methods like chi-squared to recommend strategic improvements in communication channels, thus increasing policy awareness and enhancing workplace safety.