

SAKSHI ANKLESHWARIYA

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EDUCATION

Masters in Data Science , Indiana University Bloomington , USA	May 2026
Course Work : Statistics, Data Visualization , Advanced Database Technology, Machine Learning , GPA : 3.9	
MBA in information & Technology , NMIMS, India , GPA : 3.5	Sep 2024
Bachelor of Technology (BTech) in Computer Engineering , Nirma University, India, GPA : 3.6	June 2022

TECHNICAL SKILLS

Programming: Python, SQL, PL/SQL, NoSQL, R, Oracle, Data Mining, Git, HTML, CSS, C++

Data Analysis & Visualization: Data Cleaning, Analysis, Visualization, Power BI, VBA Dashboards, Advanced Analytics, Giphy

Frameworks & Tools: Jupyter Notebook , Power BI , BI Publisher Intelligence , Oracle Transactional Business Intelligence, Jira , Microsoft Word ,Microsoft Excel (PivotTables, VLOOKUP, IF statements, SUMIF), Tableau ,Agile Methodologies

Cloud Technologies: Snowflake, MongoDB, Neo4j

WORK EXPERIENCE

- Data Science Research Intern | Indiana University Bloomington** **Jan 2025 – Present**
- In collaboration with teammates at the **Indiana Innocence Project (INIP)** built a comprehensive database from scratch, managing over **2,000 case files** through data collection, cleaning, and transformation.
 - Composed SQL queries and developed Power BI dashboards for data visualization and analytics, streamlining case selection by 30% and generating actionable reports.
- Graduate Teaching Assistant | Indiana University Bloomington**
- Assisted the course instructor in designing and delivering lectures on emerging educational technologies, including AI, virtual reality, and adaptive learning systems, engaging over 30+ students.
 - Led implementation sessions of AI-driven learning tools, resulting in a 60% increase in student engagement during interactive sessions and fostering improved comprehension of complex topics among participants.
- Senior BI Developer | Mastek** **Jan 2022 – Aug 2024**
- Collaborated on **15+ Oracle SCM and Finance Cloud implementations**, ensuring seamless integration to boost operational efficiency.
 - Optimized and streamlined VBA dashboards using Oracle Transactional BI and advanced SQL by cutting processing time from 500 seconds to 1.5 seconds.
 - Leveraged **data storytelling** to present actionable insights to stakeholders, enhancing decision-making and identify key **KPIs & metrics**, leading to **data-driven decision-making** improvements.
 - Deployed 10+ BIP integrations across Finance, Procurement, and Supply Chain, boosting efficiency by 15% and fostering cross-functional collaboration. through intra-team KT sessions.

PROJECTS

- Ecommerce Performance Tracker**
- Designed 15 advanced **DAX measures**, user-friendly statistical visualizations, and performed data cleaning, modeling, and visualization by resolving unclear performance insights and enabling accurate, data-driven decision-making.
- Smart Approval System**
- Worked on a **University of Nottingham** project where automation of ERP workflows as well as optimized SQL queries were executed .
 - Handle over **10 million** records in under 10 seconds, and implement a scalable architecture, enhancing efficiency and reducing maintenance **efforts by 20%** .
 - Devised **30+ ad-hoc BIP reports and 10+ custom templates**, integrated financial and operational data, and built 5+ ETL workflows, ensuring accurate reporting and seamless data migration.
- American Express Default Prediction**
- Analyzed 1K above transactions using Python, Pandas, SQL, and Matplotlib to improve credit risk assessment, reducing processing time by **40% and enhancing accuracy by 30%**.

ACHIEVEMENTS

- Obtained Associate SQL, Snowflake, and Data Analyst Associate Certification from DataCamp.
- Achieved PACT Awards, Bright Spark Award, GEM True Champion Award from Mastek for the most fervent employee.
- Selected to attend Grace Hopper Conference (GHC) 2021.