

# Aiswarya Dosibhatla

## Data Analyst

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## Summary

Experienced Data Analyst with 3+ years of experience in data analysis, ETL development, and business intelligence. Proficient in Python, SQL, Power BI, Snowflake, and cloud platforms including Azure and AWS. Delivered actionable insights, improving reporting accuracy by 25%. Expertise in designing dashboards, automating workflows, and optimizing data pipelines to enhance operational efficiency. Strong capability to translate business requirements into data-driven solutions for strategic initiatives.

## Technical Skills

- **Programming & Scripting:** Python, R, SQL, Shell Scripting
- **Data Warehousing & Databases:** Snowflake, MongoDB, Redshift, BigQuery, Apache Hadoop, Apache Spark, MySQL, PostgreSQL, Oracle, Teradata
- **Data Integration & ETL:** Apache Airflow, REST API, Apache Kafka, Shell Scripting, Data Validation, Data Quality Checks, Informatica, Talend, SSIS
- **Business Intelligence & Visualization:** Power BI, Tableau, QlikView, Looker, KPI Dashboard, MS Excel, Matplotlib, Seaborn
- **Cloud Platforms & DevOps Tools:** Microsoft Azure, AWS, GCP, Kubernetes, Jenkins, Docker
- **Project Management & Methodologies:** JIRA, MS Project, Agile, Scrum
- **Compliance & Security:** GDPR, HIPAA
- **Version Control:** Git, GitHub

## Professional Experience

### Eco Servant Projects Organization

July 2025 – Present

#### Data Analyst

- Evaluated Google Analytics data from 50K+ monthly visitors, uncovering engagement trends that enhanced ocean conservation campaign strategies.
- Verified 100K+ data points monthly, enhancing report reliability and supporting actionable insights for stakeholder presentations.
- Cooperated with stakeholders on 5 conservation projects, performing exploratory data analysis using Python and Pandas, improving campaign targeting effectiveness by 20%.
- Streamlined analysis workflows, data pipelines, and procedures, supporting reproducibility and reducing onboarding time for new interns.
- Generated client-ready reports and visualizations using Power BI and Excel, delivering insights that guided a 15% increase in campaign engagement.

### Musigma Business Solutions Limited

January 2022 – July 2023

#### Data Analyst

- Engineered comprehensive ETL pipelines using Azure Data Factory, processing 10M+ daily records and improving multi-source reporting accuracy.
- Executed a Global Consolidated Power BI dashboard with advanced DAX, integrated with Azure cloud, tracking KPIs across 40 regions and reducing reporting time by 40%.
- Developed data workflows using Databricks, PyCharm, and Azure Data Lake Storage, leveraging Spark to automate data processing, cutting manual effort.
- Directed Agile teams of 8, managing sprint planning, backlog prioritization, and delivery, ensuring on-time project completion.
- Enhanced SQL queries and data models, improving dashboard load times by 50% and providing actionable insights for stakeholders across business units.

### Musigma Business Solutions Limited

September 2020 – December 2021

#### Junior Data Analyst

- Evaluated operational and customer data to identify workflow inefficiencies, delivering data-driven insights that improved process efficiency and informed strategic business decisions.
- Executed A/B tests for 3 product features, guiding stakeholders to select the highest-impact variants, increasing user engagement on digital platforms by 15%.

- Optimized data preprocessing and cleaning workflows for 500K+ records, reducing inconsistencies and improving reliability of analytics outputs.
- Coordinated with teams of 6, translating business requirements into data models and dashboards, accelerating operational insights and enhancing stakeholder alignment.
- Constructed ad-hoc data marts and reporting solutions using SQL, Python, and Power BI, streamlining ETL pipelines and reducing reporting turnaround time by 30%.

## Projects

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### End-to-End Sales Data Warehouse with Medallion Architecture

[GitHub](#)

- Developed a modern data warehouse using SQL Server implementing Medallion Architecture (Bronze, Silver, Gold layers) to consolidate sales data from ERP and CRM systems
- Performed ETL activities to extract, transform, and load data from CSV files, including data cleansing, standardization, and normalization processes
- Designed and implemented star schema with optimized fact and dimension tables to enable analytical reporting and data-driven decision-making

## Education

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Master of Science in Information Systems and Technology  
University of North Texas, Denton, Texas, USA

August 2023 – May 2025

Bachelor of Technology in Information Technology  
Jawaharlal Technological University

July 2016 – August 2020

## Achievements

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- Attained 3 Spot Awards for exceptional performance and significant contributions during tenure – MuSigma.