

PRAMITA DILEEP SANDHYAN

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(Willing to relocate)

PROFESSIONAL EXPERIENCE

Minicraft Interior | Data Analyst Sep 2021 – May 2022
Mumbai, India

- Streamlined customer preference visualizations using Microsoft Excel and Tableau, integrating **A/B testing** to validate design choices, which reduced manual analysis time by 50%
- Developed a **predictive model** in Python to forecast material needs, achieving 15% inventory efficiency improvement
- Optimized data extraction processes using SQL, executed **ad hoc queries** to address immediate business needs, and accelerated report generation by 40% for critical business decisions
- Coordinated project tasks and sprints in JIRA within an **agile** framework by consistently meeting stakeholder-driven SLAs and ensuring 100% on-time delivery

Software Developer Group – RAIT | Data Science Intern Jan 2021 – Jun 2021
Mumbai, India

- Led a team to enhance an ML-based crop prediction model, boosting accuracy by 15% through feature engineering and Exploratory Data Analysis (EDA)
- Improved data quality by 10% through identifying and correcting data inconsistencies using **Python** libraries such as Pandas, NumPy, and Matplotlib for data preprocessing
- Facilitated cross-functional team meetings and curated **Power BI** dashboards to enhance collaboration and integrate vital KPIs, saving over 20 hours per week

ACADEMIC PROJECTS

Movies Data Analysis | Alteryx, Talend, Tableau | [Link](#) Jan 2024 – Mar 2024

- Managed a team of 5 to gather and profile 4M records from diverse sources using **Alteryx**, and designed an efficient ER model to reduce data redundancy by 3 times through cleaning and normalization
- Orchestrated 15+ Talend workflows for data integration into relational databases like MSSQL
- Crafted 10 dashboards in **Tableau** to enhance data-driven decision-making by highlighting key business metrics with complex SQL queries

Food Delivery Management System | Apache Airflow, Power BI | [Link](#) Sep 2023 – Dec 2023

- Leveraged Airflow DAGs for creating an **ETL** pipeline to automate data extraction from 5 distinct AWS S3 sources
- Incorporated data preprocessing techniques like cleaning, normalization, and transformation for over 50,000 records into Google BigQuery
- Automated report generation using Power BI while customizing **DAX** queries to reduce preparation time by 30%

Advanced Labor Data Analytics and Visualization | Python, Grafana Jan 2023 – Apr 2023

- Engineered Python scripts for **API** integration, fetching 30+ years of labour statistics JSON data from BLS API to drive comprehensive economic trend analysis
- Created a custom Alteryx plugin in Python to adeptly import, cleanse, and manipulate over 100,000 rows of data
- Performed data analysis and visualization of labor statistics using Grafana to highlight trends and patterns

EDUCATION

Northeastern University, Boston, MA Sep 2022 – May 2024
Master of Science in Information Systems

Mumbai University, Mumbai, India Aug 2018 – May 2022
Bachelor of Engineering in Information Technology

TECHNICAL SKILLS

Languages: Python, SQL, R

Databases: MySQL, MS SQL Server, PostgreSQL, Oracle DB, AWS Redshift, Snowflake, MongoDB (NoSQL)

Tools: Alteryx, Apache Airflow, Git, Power BI, Tableau, Microsoft Excel (VLOOKUP, Pivot Tables, Index-Match), Google Analytics, Microsoft Azure Analytics

Other Skills: A/B Testing, Unix, Data Mining, Data Warehousing, Data Modeling, Statistical Analysis, Forecasting