

# Pramita Dileep Sandhyan

## Data Analyst

+1(857)-753-5416 | [sandhyanpramita@gmail.com](mailto:sandhyanpramita@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### SUMMARY

Detail-oriented Data Analyst with nearly 3 years of experience in providing actionable insights to enhance business strategies. Proficient in data modeling, statistical analysis, and data visualization tools, with expertise in Python, R, SQL, and Excel. Demonstrated success in data cleaning, exploratory analysis, and creating visual reports using Tableau and Power BI. Skilled in collaborating with cross-functional teams to solve complex data challenges and improve operational efficiency.

### TECHNICAL SKILLS

**Methodologies:** SDLC, Agile/Scrum, Waterfall

**Programming & Tools:** Python (Pandas, NumPy, Matplotlib, Scikit-learn), R, SQL (MySQL, PostgreSQL, SQL Server)

**Data Visualization:** Tableau, Power BI, Google Data Studio, Matplotlib, Seaborn

**Database Management:** SQL, NoSQL (MongoDB), Amazon Redshift, Snowflake, Google BigQuery

**ETL & Data Integration:** Apache NiFi, Alteryx, Talend, Airflow, Databricks, Spark, Kafka

**Data Warehousing:** Star Schema, Snowflake Schema, Fact & Dimension Tables

**Reporting & Automation:** Microsoft Excel (VBA), Crystal Reports, SQL Server Reporting Services (SSRS), Git

**Cloud Platforms:** AWS (Redshift, S3, Glue, Athena), Microsoft Azure (Azure Data Factory, Azure Synapse, Cosmos DB), Google Cloud Platform

**Business Acumen:** KPI Analysis, Forecasting, Customer Segmentation, Inventory Optimization, Financial Reporting

**Operating Systems:** Windows, Linux, MacOS

### PROFESSIONAL EXPERIENCE

#### Data Analyst | Wells Fargo | USA

May 2023- Current

- Conducted market research and data analysis to identify trends and insights that informed strategic decisions
- Developed and maintained financial models for forecasting market conditions using advanced Excel functions such as VLOOKUP, INDEX-MATCH, and pivot tables, alongside data mining techniques
- Utilized statistical techniques with SQL and Python to analyze large datasets and refined data quality through advanced slicing and dicing techniques for accurate reporting
- Achieved a 20% improvement in campaign effectiveness by leveraging Google Analytics to analyze website performance, identifying user behavior patterns, and enhancing marketing strategies
- Facilitated decision-making for stakeholders by presenting reports through Excel charts and visualization tools like Looker and Tableau
- Supported data-driven initiatives by collaborating with cross-functional teams and employing Google Sheets for data consolidation and reporting, which improved reporting efficiency
- Optimized data accuracy by 30% by conducting data audits and applying quality control measures using Python libraries like Pandas and NumPy to identify and resolve inconsistencies
- Increased user engagement and optimized product performance by recommending new data collection procedures and implementing A/B testing strategies
- Ensured project quality by participating in User Acceptance Testing (UAT), verifying system functionality aligned with business requirements

#### Data Analyst | Minicraft | India

Feb 2021 - Aug 2022

- Enhanced customer behavior visualizations through Microsoft Excel and Power BI, integrating A/B testing and Exploratory Data Analysis (EDA) to validate design choices, which cut manual analysis time by 50%
- Improved inventory efficiency by 15% through the development of a predictive model using Python and scikit-learn, utilizing EDA and advanced analytics with Seaborn, and Matplotlib to identify trends and track key performance indicators
- Streamlined data extraction and transformation processes with SQL, executing ad-hoc queries to meet immediate business requirements while focusing on critical KPIs for decision-making
- Ensured 100% on-time delivery by facilitating cross-functional team meetings and coordinating project tasks in JIRA within an agile framework, consistently meeting stakeholder-driven SLAs and tracking key performance metrics
- Conducted market analysis to assess market share trends, growth rates, and external factors affecting the business. Utilized data visualizations to provide actionable insights into claims behavior, driving strategic decisions
- Developed interactive dashboards in Power BI to enhance data accessibility and optimize product features through A/B testing, improving user engagement

EDUCATION

Northeastern University   Boston	May 2024
Master of Science in Information Systems	
University Of Mumbai   India	May 2022
Bachelor of Technology in Information Technology	

ACADEMIC PROJECTS

Movies Data Analysis   Alteryx, Talend, Tableau   <a href="#">Link</a>	Jan 2024 – Mar 2024
--	---------------------

- Managed a team of 5 to gather and profile 4M records from diverse sources using **Alteryx**, and designed an Entity-Relationship (ER) data 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   <a href="#">Link</a>	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

SmartCity Real-Time Data Streaming   Apache Kafka, Spark, AWS   <a href="#">Link</a>	Jan 2023 – Mar 2023
--	---------------------

- Spearheaded a real-time data pipeline using Kafka and Spark and processed over 1,000 IoT-generated traffic data points per second which enhancing data throughput
- Devised a PySpark-based analytics framework to process and store data streams in AWS S3 and used AWS Glue for efficient schema management, reducing processing time by 40%
- Utilized AWS QuickSight for advanced dashboarding to integrate real-time data from AWS Redshift for insights