

RUTWIK GUNTOORKAR

Hoboken, NJ ♦ +1(862) 338-6060 ♦ work.rutwik@gmail.com ♦ [Linkedin](#) ♦ [Portfolio](#)

SUMMARY

Results-oriented Business Analyst with over 3 years of experience in data analytics, reporting, and business intelligence. Proficient in utilizing Python, Power BI, SQL, and Tableau to develop data models, optimize data flows, and deliver actionable insights. Adept at creating interactive dashboards, automating data processes, and implementing advanced data security measures. Skilled in collaborating with cross-functional teams to support data-driven decision-making and improve business performance.

EDUCATION

Master of Information Technology & Analytics, Rutgers University, Newark

Aug 2022 - Dec 2023

B.E. Computer Engineering, University of Mumbai

Aug 2016 – May 2020

EXPERIENCE

Research Assistant

Feb 2024 – Present

Rutgers University, Newark, NJ

- Developed data models and statistical analyses using Bayesian methods, driving a 20% increase in research ROI.
- Automated data collection processes using Python, implementing scheduled scripts to extract and clean data from multiple sources, which reduced manual intervention by 40%.

Senior Business Analyst

Oct 2021 – Apr 2022

Nibbles Forever LLP, Mumbai, IN

- Designed and developed real-time **Power BI dashboards**, optimizing marketing campaigns and driving a \$100,000 ROI improvement.
- Engineered data ingestion models and implemented ETL pipelines using Databricks & AWS Glue, reducing data processing time by 50%.
- Created automated scripts for report generation and data extraction, reducing reporting time by 35%.
- Developed advanced **DAX measures and Power Query** transformations, implementing **row-level security (RLS)** to secure data.
- Led automation initiatives for data visualization and reporting, contributing to a 25% boost in marketing performance.
- Collaborated with business stakeholders to gather requirements, translating them into actionable BI solutions and increasing stakeholder satisfaction by 20%.

Business Intelligence Analyst

Dec 2019 – Oct 2021

Rookiedeck Pvt Ltd, Mumbai, IN

- Architected ETL pipelines and data warehouses using **SQL Server** and **Databricks**, enhancing data accessibility by 30%.
- Designed and implemented interactive dashboards in Tableau, empowering non-technical users to generate insights independently and reducing dependency on the analytics team by 40%.
- Improved dashboard reliability by auditing existing **Tableau** reports and optimizing data sources for better performance and accuracy.
- Partnered with marketing and operations teams to identify key metrics, develop tailored Tableau reporting solutions, and influence decision making, leading to a 20% increase in campaign effectiveness.
- Conducted data performance modeling and forecasting using Databricks, boosting operational efficiency by 20%.
- Automated Tableau data refresh schedules and streamlined workflows, improving reporting efficiency by 30%.

SKILLS

Programming Languages: Python, SQL, R

Data Science & Analytics: Predictive Modeling, Data Mining, Scikit-learn, pandas, Matplotlib, NumPy

Data Visualization & Analysis: Power BI, Tableau, Excel, Qlik

Big Data Technologies: AWS Redshift, AWS S3, Databricks, Snowflake, Google BigQuery

ETL & Data Integration: Alteryx, Apache Airflow, AWS Glue, AWS Lambda, Azure Data Factory, Teradata

Databases: Microsoft SQL Server, PostgreSQL, Oracle, MySQL, MongoDB, Teradata

Project Management: JIRA, Confluence, Trello, Agile Methodologies

PROJECTS

Credit and Risk Assessment for Banking Systems

- Optimized credit risk models using Linear Discriminant Analysis (LDA) and regression trees, leading to a 22% increase in profit margins and delivering \$134M in financial benefits.

Flight Arrival and Delay Analysis

- Developed interactive dashboards using Tableau to track flight patterns, streamlining operational processes and reducing delays by 15%. Implemented a time-series forecasting model using ARIMA in Python, resulting in a 25% reduction in error rates for delay predictions.