

RUTWIK GUNTOORKAR

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SUMMARY

Results-oriented Business Intelligence Analyst with over 3 years of experience in data analytics, reporting, and business intelligence. Proficient in utilizing **Power BI, SQL, and Databricks** 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
B.E. Computer Engineering, University of Mumbai

Aug 2022 - Dec 2023
Aug 2016 – May 2020

EXPERIENCE

Research Assistant

Rutgers University, Newark, NJ

Feb 2024 – Present

- 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

Nibbles Forever LLP, Mumbai, IN

Oct 2021 – Apr 2022

- 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

Rookiedeck Pvt Ltd, Mumbai, IN

Dec 2019 – Oct 2021

- Architected **ETL pipelines and data warehouses** using **SQL Server** and **AWS Redshift**, enhancing data accessibility by 30%.
- Implemented self-service analytics dashboards in Power BI, enabling non-technical users to generate insights independently, reducing dependency on the analytics team by 40%.
- Enhanced data quality by auditing existing dashboards and integrating **column-level security (CLS)** in reports.
- **Partnered with marketing and operations teams** to identify key metrics, develop tailored reporting solutions, and influence decision-making, resulting in a 20% increase in campaign effectiveness.
- Conducted data performance modeling and forecasting using **Databricks** to increase operational efficiency by 20%.
- Streamlined dataflows and automated data refresh schedules in **Power BI**, 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.