Data Analyst/ Business Analyst

RISHIKESH MATE

8668998821| rishikeshmateofficical@gmail.com
https://www.linkedin.com/in/rishikesh-mate-8917701a7/
https://rishikesh-mate.github.io/Rishi-s.live
Pune, Magarpatta 411013

Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Warehouse)
- Git / GitHub
- Microsoft Power BI
- Data Warehousing/ ETL (IICS)

Work Experience

DATA ANALYST – Accenture India **–** Bengaluru, Karnataka November 2022 - August 2025

- **Optimized 25+ ETL pipelines** by upgrading data mappings from v2 to v3, **improving data flow efficiency and cutting processing delays by 30%**, ensuring timely delivery of critical insurance data.
- **Enhanced SQL query performance by 15%,** reducing execution time and saving the team ~10 hours per week, leading to faster downstream analytics and quicker business decision-making.
- **Automated data ingestion from disparate sources** (SQL Synapse, Autosys, Python scripts), enabling near real-time insights and reducing manual data preparation by 40%.
- Collaborated with **cross-functional teams** (business analysts, data engineers, QA) to resolve high-priority production issues, reducing **incident resolution time by 20%.**

AI INTERN – Center for development of Advance Computing – Pune, Maharashtra August 2021 - March 2022

- Developed an **NLP application for name disambiguation** across 50,000+ newspaper articles and domain-specific text, enabling faster and more accurate entity recognition for downstream analytics.
- Fine-tuned a DistilBERT classification model using a Zero-Shot approach, **achieving >90% classification accuracy and significantly reducing model development effort.**
- Built a **Named Entity Recognition (NER) pipeline for legal domain text**, achieving 90% NER accuracy and 99.24% fine-tuning accuracy, reducing manual legal text review efforts by ~60%.

Projects

INDIAN AIR QUALITY DATA ANALYSIS – Personal Project April 2022

- Processed **430k+ records using Python (pandas, NumPy)** and handled missing values for multi-year air quality data.
- Built **Random Forest model (99.97% accuracy)** to predict AQI from pollutants.
- Developed **Tableau dashboards** with heatmaps and time-series charts, providing clear visual insights for environmental monitoring.

CAPSTONE: PREDICTIVE & CLUSTER ANALYSIS February 2021

- Collected, Collected and processed datasets using **Python, SQL, Spark** for actionable analysis.
- Applied **K-Means clustering and regression models** to segment data and predict trends.
- Developed **interactive Tableau dashboards**, enabling stakeholders to identify patterns quickly.
- Leveraged **Hadoop/Spark** to efficiently process large-scale datasets.

Education

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE – MIT- World Peace University – Pune, Maharashtra June 2022
Majors: Business Analytics, Big-Data (Hadoop, Mango DB), Data Science (AI, ML) 8.99/10