Aashay Bhujbal

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TECHNICAL SKILLS

Languages: Python, SQL, R, Stata
Software: Tableau, Power BI, RStudio, Microsoft Excel, Snowflake, Anaconda, Jupyter Notebook, AWS, Azure
Databases: MySQL, PostgreSQL, Microsoft SQL Server, AWS S3
Certifications: Unilever Supply Chain Analyst, IBM Foundational AI
Others: Statistical analysis, Data visualization, Machine learning, Database management, Cloud computing, Predictive Analytics, Critical thinking, Cross collaboration, Communication, Problem-solving, Adaptable, Detail – Oriented

PROFESSIONAL EXPERIENCE

Onpoint Insights LLC, Boston, Massachusetts   Jan 2025 – Present
Data Analyst Intern
- Enhanced marketing effectiveness for a pharmaceutical leader by collaborating on centralized multi source Snowflake data and building predictive models for budget optimization resulting in 30% marketing efficiency
- Maintained Tableau dashboard for KPI tracking facilitating data driven decision making for stakeholders
- Optimized product data analysis for a manufacturing client by leveraging cross-functional collaboration to deliver actionable insights to the Machine Learning team, streamlining data retrieval and accelerating analytical processes

Rapid Circle, Pune, India – A cloud solutions company driving digital transformation   Jan 2023 – June 2023
Data Analyst Co-Op
- Constructed data analytics pipeline by designing and optimizing advanced SQL queries on Azure SQL databases reducing processing time by 20% and enhancing data reliability for enterprise-scale reporting
- Created Power BI dashboards showcasing essential KPIs, enhancing cross functional decision making

Rapid Circle, Pune, India – A cloud solutions company driving digital transformation   July 2022 – Dec 2022
Data Engineer Intern
- Executed data quality enhancements through ETL pipelines in Microsoft SQL Server and Excel implementing schema validation and outlier detection protocols achieving 20% higher accuracy and operational efficiency

BOB eProcure Solutions Pvt Ltd, Mumbai, India – A procurement technology company   Aug 2021 – May 2022
Business Analyst Intern
- Analyzed procurement workflow optimization through advanced Excel automation (Pivot Tables, VLOOKUP, Macros) and Tableau dashboard development with SQL queries, achieving 15% reduction in supplier lead times

PROJECT EXPERIENCE

YouTube Analytics Pipeline: Cloud-Based Data Engineering for Ad Campaign Optimization
- Executed automated data pipeline using PySpark for ETL, AWS Lambda for serverless orchestration, and Athena for SQL querying to analyze 1M+ YouTube records, achieving 40% reduction in manual data processing time
- Deployed interactive Tableau dashboards, enabling real-time analytics with strategic optimization of ad campaigns

Healthcare Database Management
- Developed a scalable Hospital Database Management System leveraging PostgreSQL, achieving 40% faster patient data retrieval speeds to drive interoperability improvements and accelerate adoption of value-based care models
- Implemented advanced SQL including triggers, sequences, and subqueries, to streamline database operations

Econometric Analysis of Interest Rate Determinants in Consumer Lending
- Achieved 85% model accuracy by developing an econometric regression framework to analyze 10K records, delivering data-driven recommendations to financial institutions, uncovering key determinants of interest rates

EDUCATION

Master of Science in Business Analytics and Artificial Intelligence (STEM)	May 2025
The University of Texas at Dallas, Dallas, TX, USA	CGPA: 3.7
Bachelor of Engineering in Computer Science, Data Science Honors	May 2023
Savitribai Phule Pune University (SPPU), Pune, MH, India	CGPA: 3.7