

SAI KRISHNA SAJJANAM

Analyst | Data & Business Analytics | Business Intelligence Developer | SQL | Python | Power BI

Dublin, Ireland | sai.newmailbox@gmail.com | +353 899475088 | www.linkedin.com/in/sai-krishna-sajjanam | <https://github.com/saikrishna95>

Summary

Business Intelligence Developer with 5+ years of experience building scalable, automated, and cloud-native BI solutions in financial and regulatory environments. Expert in **SQL, Python, Power BI, Tableau, and BigQuery** for designing data pipelines, ETL automation, forecasting, and anomaly detection. Proven ability to translate complex data into actionable insights that drive strategic decisions and financial performance.

Skills

- **Languages & Tools:** SQL (MySQL, PostgreSQL, SQL Server) | Python (Pandas, NumPy, Scikit-learn) | Power BI, Tableau, Qlik | Excel (Power Query, Pivot Tables) | DAX | GitHub | VS Code | Google Colab
- **Cloud & Data Infrastructure:** Google Cloud Platform (BigQuery, Cloud Storage) | Azure | AWS | Informatica | ETL Pipelines | Data Modeling | Data Governance
- **Analytics & ML:** Forecasting | Anomaly Detection | Predictive Analytics | Reporting Automation | KPI Tracking | EDA | Data Validation | Statistical Modeling
- **Business Tools:** JIRA | Confluence | ServiceNow | Oracle | Microsoft Dynamics 365 | Hyperion (familiar) | Agile/Scrum | Six Sigma

Work Experience

Data Analyst | Infosys (Client: Goldman Sachs)

Mar 2021 – Sep 2023

- Designed and automated SQL, PYTHON and BigQuery based financial data pipelines, reducing manual reporting workload by 40% and improving data accuracy by 30%, enabling faster finance decisions.
- Developed anomaly detection and forecasting models in Python (Scikit-learn, Pandas), identifying financial irregularities and enhancing forecast precision by 15%.
- Built Power BI and Looker dashboards for 50+ users, cutting reporting lead time by 30% and surfacing €100K savings opportunities.
- Partnered with cross-functional finance teams to develop driver-based models and automated KPI tracking; authored 100+ JIRA user stories to support Agile delivery.
- Developed and maintained investigation documentation adhering to established guidelines, ensuring consistency, fairness, and regulatory compliance.
- Contributed to the refinement of fraud detection policies by providing feedback based on feature abuse analysis and emerging threat patterns.

Engineer| iConcept Software Services (Client: Bayer Crop Science)

Feb 2019 — Feb 2021

- Engineered SQL and ETL workflows, boosting report generation speed by 35% and integrating multi-source data.
- Designed interactive Power BI and Tableau dashboards delivering real-time marketing and operational insights.
- Collaborated with cross-functional teams to support data integration and campaign performance tracking.
- Authored system integration documentation that raised process efficiency by 15%.

Associate | Knoah Solutions (Client: Time Warner Company)

Dec 2017 – Jan 2019

- Analyzed 50K+ records to identify process gaps, increasing operational efficiency by 10%.
- Automated manual workflows using Python, reducing resolution time by 20% and raising customer satisfaction by 15%.

Professional experience

Metaverse Transaction Anomaly Detection | GitHub Link: github.com/saikrishna95/metaverse_transaction_anomaly_detection_ML_project

- Developed a **machine learning-based anomaly detection model** in Python to identify fraudulent digital transactions within metaverse environments.
- Implemented advanced data pre-processing, feature engineering, and classification techniques to detect irregular patterns in transaction data.
- Improved **fraud detection accuracy by 90%**, significantly enhancing the reliability and security of digital financial systems.

Performance Of vendor Analysis | GitHub link: github.com/saikrishna95/Analysis_performance_vendor_sql_python_powerbi

- Evaluated **supplier performance** using SQL for data extraction, Python for statistical analysis, and Power BI for interactive visualization.
- Identified key vendor performance metrics such as delivery efficiency, quality scores, and cost-effectiveness.

Certifications

- Google Data Analytics | **Microsoft** | Link https://coursera.org/share/data_analyst_sai_krishna_sajjanam
- Artificial Intelligence Fundamentals | **IBM** | Link <https://www.credly.com/badges/AI/IBM>
- Six Sigma Yellow Belt | **Coursera** | link https://coursera.org/share/Six_Sigma_yellow_Belt

Achievements

- Recognized with '**Excellence in Problem Solving**' award by Goldman Sachs stakeholders at Infosys for addressing process gaps.
- Received a **CEO level appreciation** for the product insights presentation to the client which helped in business at iConcept.
- Awarded as '**Top Performer**' for the high performance consistently for 6 months in the Knoah team.

Education

- **MSc in Business Analytics** | Dublin Business School, Ireland
- **B. Tech in Electronics & Communication Engineering** | JNTU, India

2024
2016