

SAI CHARAN REDDY GANKIDI

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PROFILE SUMMARY

D Data Analyst and Data Engineer with 2+ years of experience building ETL pipelines, developing business intelligence dashboards, and deploying machine learning models for data-driven decision making. Proficient in Python, SQL, Power BI, AWS, and data visualization tools with expertise in database management and statistical analysis.

EDUCATION

National College of Ireland

Master of Science in Artificial Intelligence; Percentage: 90%

Dublin, Ireland

Jan 2024 – Jan 2025

GITAM University

Bengaluru, India

Bachelor of Technology in Computer Science Engineering; Percentage: 80%

July 2018 – July 2022

SKILLS SUMMARY

Python, SQL, R, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, BeautifulSoup, Power BI, Tableau, Looker, Google Data Studio, Jupyter Notebook, Microsoft Access, Google Colab, Excel, RStudio, AWS (S3, Lambda, RDS), Google Cloud (BigQuery), MySQL, PostgreSQL, Microsoft SQL Server, Amazon Redshift, Snowflake, DBT, ETL Development, Data Modeling, Data Visualization, Machine Learning, Statistical Analysis

WORK EXPERIENCE

Business Analyst Intern | SRCOSMOS LLC | Chicago, Illinois

April 2024 – Present

- Conduct in-depth analysis of client engagement and revenue trends, improving forecasting accuracy by 15%.
- Design and maintain interactive dashboards and KPI reports using Power BI and Excel across 4 departments.
- Write and optimize complex SQL queries for datasets (10M+ rows), reducing report generation time by 40%.
- Collaborate with product, finance, and design teams to translate business requirements into scalable analytics.
- Deliver executive-level reports and actionable insights to influence key business strategies.

Data Engineer | ADAA IT Solutions Private Limited | Bengaluru, India

April 2022 – December 2023

- Develop and maintain ETL pipelines using Python (Pandas, NumPy) and SQL, automating data ingestion from 10+ sources.
- Build and manage databases (MySQL, PostgreSQL), automating workflows and cutting manual processing time by 50%.
- Deploy scalable, cloud-based data solutions using AWS services including S3, Lambda, and RDS.
- Designed Tableau and Power BI dashboards that improved performance tracking speed by 20% and enhanced decision-making efficiency.
- Ensure data accuracy and reliability through robust data cleaning, validation, and quality assurance techniques.
- Automated reporting workflows, reducing manual effort by approximately 25% across three departments.

PROJECTS

Diabetes Early Disease Prediction | Python, Pandas, Seaborn, Scikit-Learn, XGBoost | [LINK](#)

July 2024

- Built a machine learning pipeline to predict early onset of diabetes using real-world patient health data.
- Conducted extensive exploratory data analysis (EDA) and feature selection to identify key health indicators.
- Addressed class imbalance, scaling, and preprocessing to improve model robustness and generalization.
- Trained and evaluated multiple models (Logistic Regression, Random Forest, SVM), achieving 95% prediction accuracy.
- Reduced prediction error rates by 5% through hyperparameter tuning and model optimization.

Patient Case Similarity Engine | Python, Scikit-Learn, TF-IDF, KMeans, NLTK | [LINK](#)

May 2024

- Developed a recommendation system to suggest similar patient case studies based on diagnosis and symptom overlap.
- Applied text preprocessing, TF-IDF, and dimensionality reduction to enhance semantic similarity detection.
- Implemented KMeans clustering to group semantically similar patient cases, improving retrieval relevance by 30%.
- Strengthened diagnostic support for healthcare professionals through faster and more accurate case study retrieval.
- Developed scalable, cloud-based data pipelines that improved data processing efficiency by 30%.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate** — [Google](#)
- **Microsoft Power BI Data Analyst Associate** — [Microsoft](#)
- **IBM Data Analyst Professional Certificate** — [IBM](#)
- **Microsoft Data Visualization Professional Certificate** — [Microsoft](#)
- **Advanced SQL Certification** — [HackerRank](#)