Adwaith Kalugotla

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Objective:

Analytically-driven Data & Business Analyst skilled in transforming data into actionable insights through SQL, Power BI, and Python. Passionate about connecting business needs with data solutions and delivering clear visual stories that improve decision-making. Known for a strong mix of technical problem-solving, data modeling, and user-centric design tested through real-world, AI-powered projects.

Educational Qualifications:

- **MASTER'S IN INFORMATION TECHNOLOGY, GANNON UNIVERSITY- GPA(3.85)**   **MAY 2025**

- **BACHELOR'S, INFORMATION TECHNOLOGY, JNTU – CGPA(6.9)**   **JULY 2023**

CERTIFICATIONS:

- **AWS CERTIFIED CLOUD PRACTITIONER (CCP) – AMAZON WEB SERVICES**

- **SNOWPRO CORE CERTIFICATION – SNOWFLAKE INC.**

TECHNOLOGIES & FRAMEWORKS:

- **ANALYTICS & VISUALISATION:** Power BI, Excel, Statistical Analysis, Dashboard Design
- **PROGRAMMING & DATA:** Python (pandas, NumPy, matplotlib), SQL (joins, CTEs, window functions), ETL
- **DATABASES & CLOUD :** Snowflake, MySQL, PostgreSQL, AWS (S3, RDS, EC2)
- **BUSINESS TOOLS :** Requirements Gathering, Agile Scrum, Stakeholder Analysis, Process Mapping
- **KNOWLEDGE OF P&C INSURANCE DATA :** Maximizing Value with Data and Technology
- **SOFT SKILLS :** Collaborative leadership with excellent communication and problem-solving skills

PROJECTS:

SPEAKBUDDY – AI-POWERED DEBATE ANALYSIS APP

- Developed a cross-platform Flutter & Dart mobile app (iOS/Android) with a Python/Flask backend for audio capture, transcription, and AI analysis
- Independently elicited and documented business requirements, translating them into functional and technical specifications for real-time transcription and AI-driven debate analysis; defined system scope, evaluated AI/transcription tools, managed OpenAI API interactions, and resolved production issues to meet stakeholder and compliance needs.
- Engineered real-time per-round .wav recordings featuring manual pause/resume controls and NSDA-compliant automated timers with spoken round announcements
- Integrated Google Speech-to-Text API for live transcription and OpenAI Whisper for batch processing to maximize accuracy and handle long recordings

WEBSITE FOR STOCK PRICE PREDICTION

- Developed an interactive web app that predicts stock movements using machine-learning models (SVM) and technical indicators such as Bollinger Bands and SMA.
- Built a Flask backend for model inference and data processing, achieving a **forecasting error below 2.5%** after parameter optimization.
- Designed a responsive front-end dashboard enabling real-time visualization of predicted vs. actual trends for actionable insights.