

Gnyani Enugandula

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EDUCATION

Master's in Information Systems

Syracuse University, Syracuse, New York

August 2023 - May 2025

Bachelor's in Electronics Engineering

Mumbai University, Navi Mumbai, Maharashtra

August 2019 - May 2023

TECHNICAL SKILLS

Programming Languages: Python, R, SQL

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Power BI, Tableau, Excel, Looker

ETL & Data Processing: AWS Redshift, RESTful APIs, Airflow

Database Management: MySQL, PostgreSQL, MongoDB, Snowflake

Cloud Platforms: AWS (S3, Lambda, EC2), Azure, Docker

Tools and Platforms: Git, GitHub, Windows, VS Code, Prompt Engineering

PROFESSIONAL EXPERIENCE

Data Analyst Intern | RELI Group Inc. | Syracuse, New York

February 2025 - Present

- Developed and automated an ETL pipeline to extract, load data from GovWin into structured formats, reducing manual effort by 80% and ensuring accurate and timely data reporting.
- Enhanced data validation and error handling by implementing Excel macros, Pandas, and NumPy, achieving 99.5% data accuracy and reducing data processing time by 50%, ensuring reliability across multiple reporting cycles.
- Collaborated with business intelligence teams to optimize reporting dashboards using Power BI and Streamlit, improving data visualization capabilities and accelerating decision-making speed by 40%.

AI Researcher | NEXIS Lab, Syracuse University | Syracuse, New York

February 2025 - May 2025

- Utilized Hugging Face's distilbert-base-uncased model to perform sentiment analysis on over 10,000 social media posts, achieving 92% classification accuracy and reducing manual data labeling efforts by 60% in a misinformation tracking project.
- Built a responsive Streamlit dashboard to visualize sentiment trends, keyword frequency, and model predictions in real time, enabling non-technical stakeholders to interact with data and extract insights, cutting review time by 40%.
- Collaborated with a cross-disciplinary team to integrate BERT-based NLP pipelines into research workflow, reducing manual text tagging time by 40 hours per week.

Research Fellow | Ballotpedia | Syracuse, New York

January 2025 - March 2025

- Led large-scale data validation initiatives by leveraging SQL and R to analyze and cross-reference over 1,000 electoral records, improving database accuracy to 95%+ and enhancing retrieval efficiency by 30%.
- Built automated research scripts utilizing Python and Pandas for data extraction and processing, reducing manual verification time by 20% and ensuring high-quality standards in electoral data management.
- Partnered with data scientists to implement XGBoost-based anomaly detection models for identifying data inconsistencies, cutting down errors by 25% and reinforcing data reliability for public access.

Founder & Data Analyst | Picky with Picks | Mumbai, India

March 2022 - May 2023

- Conducted customer segmentation using Python, K-means clustering, and SQL, increasing targeted email campaign CTR by 35% and boosting conversion by 18%.
- Designed and deployed over 5 interactive Tableau dashboards for retail clients, automating KPIs and reducing manual reporting time by 40 hours/month, enhancing executive decision-making.
- Cleaned, transformed, and analyzed datasets containing customer records using SQL and Excel, improving data accuracy by 28% and enabling more reliable quarterly reporting.

PROJECTS

Instagram Reach Analysis | Python, Pandas, Scikit-learn, Streamlit

January 2025 - March 2025

- Performed exploratory data analysis (EDA) and interactive visualization on Instagram post engagement using Pandas, Plotly, Seaborn, and advanced NLP techniques (WordCloud), revealing nuanced user-engagement metrics and achieving a 31% follower conversion rate.
- Deployed a hybrid ML model (PassiveAggressiveRegressor + SHAP) to predict post impressions with 94.2% R^2 score, enabling explainable AI for interpreting feature impact across engagement KPIs like likes, saves, and profile visits.

AI-Powered Legal Document Analyzer | Python, spaCy, BERT, Scikit-learn

August 2024 - December 2024

- Developed an AI-driven system utilizing spaCy and BERT models to classify and Scikit-learn to analyze legal contracts, achieving 85% accuracy in classifying clauses by risk level, thereby enhancing risk assessment efficiency by 40%.
- Employed Natural Language Processing techniques to extract and quantify key contractual elements, facilitating data-driven decision-making and reducing manual analysis time by 65%.