

SUMMARY

Detail-oriented **Data Analyst** with 1.5+ years of experience in healthcare, academic research, and enterprise environments. Strong expertise in **SQL, Python, Power BI, and AWS**, with hands-on experience building **ETL pipelines, automated reporting workflows, and KPI dashboards**. Proven ability to transform raw, complex datasets into accurate, actionable insights that support business and clinical decision-making.

WORK EXPERIENCE

Data Analyst Intern Tenex Software Solutions — Tampa, FL *Jan 2025 – Present*

- Analyzed operational and financial datasets using **SQL and Python** to support internal reporting and leadership decision-making.
- Built **interactive Power BI dashboards** to track KPIs, trends, and performance metrics.
- Developed **automated ETL workflows** to clean, validate, and transform data from multiple sources into structured reporting tables.

Graduate Research Assistant – Data Analyst University of South Florida — Tampa, FL *Aug 2024 – Present*

- Analyzed large-scale **healthcare and pathology datasets** using SQL and Python to identify trends and anomalies.
- Built **AWS-based data pipelines** to extract, transform, and load structured and unstructured healthcare data.
- Implemented **data validation and quality checks** to ensure accuracy and consistency across research datasets.

Research Assistant Moffitt Cancer Center — Tampa, FL *May 2024 – Jul 2024*

- Collected, organized, and analyzed experimental data related to **melanoma and breast cancer research**.
- Maintained structured datasets and documentation to support reproducibility and research reporting.
- Assisted in summarizing findings for research presentations and internal reviews.

EDUCATION

Master of Science in Computer Science -University of South Florida | Tampa, FL

Bachelor of Engineering in Computer Science- Kakatiya Institute of Technology and Sciences | Warangal, India

SKILLS

- **Data & Analytics:** SQL (PostgreSQL, MySQL, SQL Server), Python (Pandas, NumPy), Excel (Pivot Tables, Power Query), Statistics, Data Validation, Data Cleaning
- **Visualization & Reporting:** Power BI, KPI Dashboards, Automated Reporting, Data Storytelling
- **ETL & Automation:** ETL Pipelines, Data Transformation, Workflow Automation, Data Quality Checks
- **Cloud & Tools:** AWS (S3, Lambda, Redshift), Git, Version Control
- **Machine Learning (Foundational):** Logistic Regression, Random Forest, PCA, SMOTE, Model Evaluation

PROJECTS

Data Automation & Reporting Workflow

- Designed **automated ETL pipelines** to validate and transform raw datasets into reporting-ready tables.
- Created KPI-ready outputs for dashboards and scheduled refresh workflows.
- Improved reporting accuracy and reliability through reusable pipeline logic and quality checks.
Tools: SQL, Python, Power BI, AWS, Git

Healthcare Data Analytics Pipeline

- Built a healthcare analytics pipeline to extract, classify, and analyze **pathology report data**.
- Applied rule-based data processing and validation to improve data consistency and accuracy.
- Prepared scalable datasets for future predictive modeling and clinical analytics use cases.
Tools: Python, SQL, AWS, ETL

Predictive Analytics Project

- Developed predictive models on a healthcare dataset to identify **high-risk cases**.
- Implemented **Logistic Regression, Random Forest, and MLP**, focusing on minimizing false negatives.
- Applied **PCA** for dimensionality reduction and **SMOTE** to handle class imbalance.
Tools: Python, Machine Learning, Model Evaluation

CERTIFICATIONS

- Python for Data Science – Coursera, AWS Certified Cloud Practitioner – Amazon Web Services, SQL for Data Science – University of California, Davis (Coursera), Oracle Database Programming with SQL – Oracle.