

# CHANDAR RATHALA

Senior Data Analyst | Tampa, FL

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## SUMMARY

Data Analyst with 4+ years' experience across healthcare, finance, and climate-security. Expert in SQL, Python, BI, and cloud warehousing. Proven impact: reduced infra costs by 40%, cut reporting cycles from 5 days to 2, optimized ETL pipelines by 55%. Adept at KPI design, experiment design, stakeholder communication, and building reliable, scalable data products.

## EDUCATION

University of South Florida, Tampa, FL

Masters in Artificial Intelligence & Business Analytics | CGPA: 3.9/4 | Aug 2024 â Present

Jawaharlal Nehru Technological University, Hyderabad, India

Bachelor of Technology â Computer Science | CGPA: 3.7/4 | Aug 2017 â May 2021

## CORE SKILLS

Languages & Databases: Python, SQL, R, Java, PostgreSQL, MySQL, SQL Server, BigQuery

BI & Visualization: Power BI (DAX, M Query), Tableau, Looker, AWS QuickSight

Data Management: ETL, Data Profiling, Data Mapping, Data Quality Monitoring

Statistical Methods: A/B Testing, Regression, Classification, Time Series Forecasting

Cloud & Big Data: AWS Redshift, Google Cloud, Azure, Hadoop, Spark

## EXPERIENCE

Research Assistant / Teaching Assistant | USF | Aug 2024 â Present

â Built climateâconflict risk models achieving 87% precision and ROC-AUC of 0.91

â Designed visual frameworks influencing climate adaptation strategies across 3 regions

â Mentored 20+ undergraduates in SQL, Python, and BI; improved course ratings by 30%

Analyst II, Software Engineering | DXC Technology | Feb 2022 â Jul 2024

â Migrated 600+ SAS programs to AWS Redshift; reduced infra costs by 40% (\$2.5M annually)

â Optimized SQL/ETL workflows; runtime reduced from 8hâ3.5h; data error rate fell 25%

â Led A/B test framework for dashboard rollout; +15% executive adoption

â Built Power BI dashboards used by 200+ staff; cut manual reporting hours by 35%

## PROJECTS

Business 360: E-commerce Sales Analytics | 2025

Built Power BI dashboards integrating SQL/Excel data for product and customer segmentation

Healthcare Data Revolution | 2024-2025

Engineered ETL pipelines for 10M+ clinical records with HIPAA compliance

Climate-Conflict Risk Models | 2024

Advanced ML models for U.S. Army policy development with 87% precision