

# SATHVIKA ONTELLA

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## PROFESSIONAL SUMMARY

Master's graduate in Computer Science with hands-on experience in AI, Machine Learning, and Big Data Analytics, with notable roles at JNS, Quantiva Solutions, and Xenon Analytics. Proficient in Python, SQL, Power BI, and Cloud Technologies, specializing in AI-driven solutions, Predictive Modeling, and Data Visualization. Expertise includes statistical modeling, NLP, and neural networks, with a focus on translating data into actionable insights for enhanced decision-making.

## EDUCATION

University of North Texas, Denton, Texas  
Masters' in Computer Science, **CGPA:3.89**

May 2025

## SKILLS

- **PROGRAMMING:** Python | SQL | JavaScript | C++
- **TOOLS:** Power-BI | Tableau | Spreadsheets | Alteryx
- **Cloud Technologies:** AWS, Azure, Oracle Cloud Technologies
- **SKILLS:**
  - EDA (NumPy, Pandas, Matplotlib, Seaborn, Plotly), Dashboard Creation, ETL Pipelines
  - Statistical Modelling (Hypothesis Testing, Z-Test, T-Test, Chi-Squared Test, Anova, Bayesian Learning)
  - Machine Learning (Scikit-Learn, SciPy) - Regression, Classification, Clustering, Optimization
  - Deep Learning (NLP)
  - Database Management (MySQL, MongoDB, PostgreSQL)

## WORK EXPERIENCE

### Data Science Intern

JNS Consulting LLC

May 2024 – July 2024

- Forecasted weekly sales for 50+ products using Python, SQL, and Facebook Prophet, improving inventory planning
- Built a BI dashboard to track predicted vs. actual sales, reducing stock-outs by 18% and overstock by 12%
- Cleaned and prepared time-based data for modelling using pandas and SQL queries

### Business Analyst Intern

Quantiva Solutions Pvt. Ltd.

Dec 2022 – Jun 2023

- Analyzed customer behavior and product trends using Python and SQL for strategic insights
- Developed K-Means and classification models (Random Forest, SVM), improving campaign targeting
- Automated reporting pipelines, cutting manual effort by 35%

### Data Analyst Intern

Xenon Analytics Pvt. Ltd.

Jan 2022 – Aug 2022

- Cleaned and analyzed large datasets using Python and SQL, improving process efficiency by 15%
- Built dashboards in Power BI to automate reporting and enhance business decision-making
- Supported churn and readmission prediction models, improving accuracy by ~20%

## CERTIFICATIONS

- Microsoft Power BI Data Analyst Associate ➔ **PL-300**
- Oracle Cloud Infrastructure 2024 ➔ **Generative AI Certified Professional**
- Oracle Cloud Infrastructure 2023 ➔ **AI Certified Foundations Associate**