

# Achyutha Ravula

Business Analyst | Data Analyst | BI Analyst

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## PROFESSIONAL SUMMARY

Business Analytics graduate with hands-on experience in data analysis, business intelligence, and reporting. Proficient in **SQL, Python, Power BI, Tableau, and Excel**, with experience building dashboards, automating workflows, and delivering actionable insights through academic and university analytics projects. Strong analytical and stakeholder communication skills.

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## TECHNICAL SKILLS

**Programming & Analytics:** Python, R, SQL, SAS Enterprise Miner

**BI & Visualization:** Power BI, Tableau, Excel

**Big Data & Platforms:** Hadoop, Spark, Databricks

**Databases:** MySQL, Relational Modeling, MongoDB

**Analytics & ML:** Predictive Modeling, Forecasting, Data Mining, Feature Engineering, Model Evaluation

**Collaboration Tools:** PowerPoint, Word, Outlook, Teams, SharePoint

**Soft Skills:** Analytical Thinking, Problem Solving, Stakeholder Communication, Data Storytelling

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## EXPERIENCE

### Graduate Data Analyst

Jul 2024-Dec 2025

#### University of North Texas, Denton, TX

- Analyzed enrollment and degree data for **500+ students**, supporting accurate advising decisions.
- Managed **1,000+ advising documents** in SharePoint and Teams, improving data accessibility and workflow efficiency
- Processed **200+ advising requests and waiver forms** with a focus on accuracy and timely approvals
- Created and maintained Excel-based reports, reducing advising turnaround time by **~25%**

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## EDUCATION

### Master's in Business Analytics

Jan 2024-Dec 2025

University of North Texas, Denton, TX

### Bachelor's in Electrical Engineering

May 2016-Aug 2020

National Institute of Technology, Raipur, India

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## PROJECTS

### Data-Driven Public Safety Planning, UNT

Aug 2025-Dec 2025

### Power BI | Power Query (M) | DAX | SharePoint

- Built an enterprise Power BI dashboard analyzing **44.28K Calls for Service, 1.09K offense cases, and 29K community engagement records** to support data-driven public safety planning.
- Implemented a **Star Schema data model** with advanced Power Query transformations including text normalization, offense unpivoting, and time standardization.
- Identified **peak demand periods (Wednesdays, 9 PM–5 AM)** and **property crime hotspots**, enabling optimized staffing and targeted prevention strategies.

### WoofFlow – Agentic AI Email Automation

Aug 2025-Dec 2025

### n8n | OpenAI | Gmail API | Automation

- Designed an **agentic AI email assistant** to automate customer booking inquiries, reducing **manual email handling effort by 40–60%**.
- Implemented multi-agent workflows for **intent classification, entity extraction, guardrails, and draft reply generation**, achieving **~90% intent accuracy**.
- Developed a **cost-feasible deployment plan** demonstrating strong ROI for small businesses.