

# ADITYA KANKARWAL

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## ABOUT ME

I am a curious and driven Computer Science student with a passion for working with data to solve real-world problems. I enjoy turning raw information into clear and meaningful insights through analysis, visualization, and data engineering. Skilled in SQL, Python, and Power BI, with a strong interest in building clean, efficient, and impactful data solutions.

## EDUCATION

**Vellore Institute of Technology, Chennai**  
*B.Tech in Electronics and Computer Engineering*

Sept 2022- July 2025  
*CGPA: 8.71*

## RELEVANT EXPERIENCE

**Data Analytics Intern**  
*Reliance Industries Ltd.*

June 2025  
*On-site*

- Built a live Power BI dashboard replicating an Angular web app using DirectQuery, SQL views, and DAX for real-time insights and navigation.

**AI-ML Intern**  
*Edunet Foundation (AICTE)*

July 2025  
*Remote*

- Working on a Salary Prediction project; implemented preprocessing, model training, and evaluation using Python (pandas, scikit-learn).

## RELEVANT PROJECTS

**Churn Prediction Model** | *Power BI, DAX, SQL, Power Query, Excel* | Github

May 2025

- Built an interactive dashboard to identify churn patterns.
- Performed complete ETL using Power Query and implemented DAX for KPI tracking and drill-through filters.
- Enabled insight into new customer churn, guiding potential retention strategy.

**Exploratory Content Insights from Netflix Dataset** | *SQL, PostgreSQL* | Github

June 2025

- Analyzed Netflix data to compare movies and TV shows across different countries and release years.
- Broke down multi-value columns to analyze genres, cast appearances, and content durations accurately.
- Cleaned and filtered raw data to answer real business questions and improve content understanding.

**Road Segmentation Web App (Deep Learning)** | *TensorFlow, Python* | GitHub | Live Demo

July 2025

- Built a web application to compare road segmentation outputs from three deep learning models: U-Net, Custom CNN, and Self-Attention U-Net.
- Integrated pre-trained .h5 models into a Gradio-based frontend with custom styling and real-time image upload.
- Deployed the app on Huggingface Cloud with a public URL.

## TECHNICAL SKILLS

**Languages and Tools:** MySQL, PostgreSQL, Python, TensorFlow, Power BI, Git, Tableau, IBM Cognos  
**Data Skills:** ETL, Data Cleaning, Data Transformation, Data Modeling  
**Soft Skills:** Leadership, Problem Solving, Analytical Thinking, Team Collaboration, Project management

## CERTIFICATIONS

**Google:** Google Data Analytics Professional Certificate  
**Microsoft:** Analysis and Visualization with Power BI  
**IBM:** BI Dashboards with IBM Cognos Analytics and Google Looker  
**DeepLearning.AI:** TensorFlow Developer Professional Certificate  
**Fractal Analytics:** Data Analysis Using SQL