

Anthony Villalvazo-Cadena
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Portfolio: <https://avillalv-portfolio.netlify.app>

Education

Conway High School, Conway SC;

June 2022

- Ap Scholar 2021/2022
- GPA: 4.5

Coastal Carolina University, Conway, SC; Currently Enrolled

- Studying **Computer Science** with a Minor in **Applied Mathematics**;
- Current President's list recipient
- Current member of Upsilon Pi Epsilon (UPE)
- Current member of Tri-Alpha
- GPA: 3.9 (current)

Expected graduation: FA 2025

Relevant Coursework:

- Organization of Programming Languages
- Communication and Public Speaking
- Operating Systems
- Machine Learning
- Relational Database/SQL
- Discrete Math relating to Computer Science
- Networking and Communications
- IBM courses offered through Coursera
- System Analysis / Software Engineering
- Computer Architecture

Certifications:

IBM: Professional Data Analyst Certification

Topics Covered: Data collection, Data cleaning, Data visualizations, Python SQL, Databases, REST APIs, Microsoft Excel, Machine learning, IBM Cognos, IBM Watson Studio

Verification: <https://coursera.org/verify/professional-cert/Q35M6N7GNT9J>

Work Experience

Walmart, Conway SC: 04/01/2021 - 11/10/2022

Electronics Sales Associate

Exceeded daily sales targets and delivered excellent tech support, building strong product knowledge and customer satisfaction.

Metro by T-Mobile, Myrtle Beach, SC: 11/10/22 - Current

Telecommunications Sales Associate

As a Sales Associate at Metro, I engaged customers through proactive questioning to offer optimal pricing solutions for our new in-store devices. Despite occasional challenges, my strong communication skills influenced most customers to purchase devices and accessories. This role honed my communication abilities and deepened my understanding of consumer cellular technology.

myAnalyst, Myrtle Beach, SC: 05/13/24 - Current

Developer / Data Analyst

Developed comprehensive data solutions while optimizing workflows to deliver actionable insights for high-profile clients. Created and managed Power BI reports that enhanced reporting accuracy and efficiency across departments. Implemented Python scripts for data processing that significantly improved data quality and accessibility. Utilized SQL and Azure tools to streamline data management and application deployment, resulting in more robust and scalable solutions.

Skills

- **Qualities:** Detail oriented | Problem-solving | Critical Thinking
- **Bilingual:** English | Spanish
- **Languages:** Python | Java | Javascript | C | C# | SQL | React.js | Node.js | HTML | CSS
- **Data & Analytics:** Power BI | SQL databases | Dashboard creation | Python packages (Pandas, Matplotlib, etc)
- **Microsoft Office:** Business Suite | Microsoft Excel | Microsoft Azure | PowerAutomate

Projects

Iris Flower Classifier Web App - <https://github.com/avillalv/iris-flower-classifier>

Jupyter Notebooks | Python | Flask | Scikit-learn

Developed an end-to-end machine learning web application that predicts iris flower species with 97.37% accuracy based on sepal and petal measurements. Implemented the entire ML pipeline from data exploration and model training (Logistic Regression) to deployment as an interactive web interface using Flask and TailwindCSS. The application features dynamic predictions with confidence scores and responsive design for optimal user experience.

Online Sales Data Analysis - <https://github.com/avillalv/IBM-Data-Analysis-Project>

Jupyter Notebooks | Python | Power BI | Pandas

Conducted comprehensive analysis of online sales transactions to extract actionable business insights. Leveraged Python (Pandas, Matplotlib, Seaborn) for data cleaning and exploratory analysis and Power BI for creating interactive dashboards. Analyzed product performance, geographic sales trends, and payment behaviors to identify opportunities for inventory optimization and targeted marketing strategies. Implemented ETL workflow from raw data to visualization through Jupyter Notebooks and Git version control.

Online Sales Data Analysis - <https://github.com/avillalv/retail-data-analysis-proj>

IBM Cognos | Python | Flask | Data Wrangling | EDA

Executed a multi-phase data analysis project exploring IT industry trends across programming languages, job markets, and developer preferences. Implemented diverse data collection methods, including API integration, web scraping, and database queries. Performed extensive data wrangling and exploratory analysis to identify significant patterns and correlations. Created compelling visualizations and dashboards using IBM Cognos Analytics to present actionable insights on technology adoption trends and developer demographics in a comprehensive final presentation.