# Bollam Praveen

✉ praveenbollam9550@gmail.com          📞 +91-9391452521

📍 Vijayawada, India          in Bollam Praveen

○ praveen6235

## Profile

Passionate and curious Computer Science enthusiast skilled in Python, Java, C, C++, and Data Structures & Algorithms (DSA). Experienced in working with databases (DBMS) and developing data-driven solutions. I enjoy exploring datasets to uncover actionable insights and build impactful projects. Continuously learning the latest tools and technologies, I thrive in collaborative environments where I can contribute to problem-solving and innovation. Actively seeking opportunities in data analytics and software development to apply my technical and analytical skills.

## Languages

- Hindi
- English
- Telugu

## Skills

| | |
|---|---|
| python | java |
| c | c++ |
| DSA | SQL |
| Excel | data visualization |
| Networking ● ● ● ○ ○ | power bi |

## Certificates

- Responsive Web Design ⧉
- Social Networks ⧉
- Java ⧉
- Object Oriented Programming using c++ ⧉
- Data Structures and Algorithm ⧉
- C ⧉

## Projects

**Statistical-Analysis-and-Visualization-of-Adidas-US-Retail-Data** ⧉
*Python-Based Data Insights for Optimizing Sales and Profitability Strategies*

- Developed a Python-based analysis of Adidas US retail data, processing 9,648 records using Pandas, Matplotlib, Seaborn, and NumPy to create visualizations like bar charts, pie charts, and heatmaps.
- Identified key trends, including a 1.0 correlation between total sales (~$1.17M mean) and profit, with Men's Street Footwear leading at ~$80M.
- Provided actionable insights for inventory optimization, demand forecasting, and targeted marketing to enhance data-driven retail strategies.

**Interactive Sales and Profitability Analysis for a Retail Superstore** ⧉
*A Data Visualization and Analysis Project using Power BI*

- Cleaned, transformed, and integrated data from multiple sources (Orders, Returns, People) using Power Query. I established a relational data model in Power BI to ensure data accuracy and enable comprehensive analysis.
- Designed and developed a dynamic, interactive dashboard in Power BI to visualize key performance indicators (KPIs), including sales trends, product profitability, and regional performance.
- Analyzed visualized data to identify actionable insights, such as the most profitable product sub-categories and regions with the highest return rates, providing a clear basis for data-driven business decisions.