

## AVULA KARTHIK

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### Internship

#### Summer Intern (Training)

June 2024 - July 2024

Data Science and Analytics using R

Foxxmulla and Expertrons

- Implemented data science solutions using R, focusing on regression analysis, machine learning, and data visualization.
- Built predictive models, performed exploratory data analysis (EDA), and optimized workflows for actionable insights.
- Applied statistical techniques to solve real-world problems and analyzed large datasets to identify trends and patterns.

### Projects

Amazon product Behavior and Sales Patterns in an E-commerce Dataset / Python3, Regression, EDA, Statistics

Aug' 2024 - Nov' 2024

- Analyzed customer segmentation and sales trends to improve business strategies.
- Used Python for data preprocessing, visualization, and statistical analysis to uncover patterns.
- Built machine learning models to predict customer behavior and enhance marketing strategies.
- Applied EDA knowledge successfully to create a cleaned data for analysis.
- Github Repository Link: [Link](#)

Choose the Best Candy! / R, EDA, Statistics

June 2024 - July 2024

- Implemented data science solutions using R, focusing on regression analysis, machine learning, and data visualization.
- Analyzed candy qualities (chocolate, caramel, sugar, percentage, etc.) and their impact on rankings with EDA and provided
- Utilized R for data visualization, statistical analysis, Machine learning and identifying factors linked to higher percentage.
- Github Repository Link: [Link](#)

Grocery Store Stimulation | Java, Data Structures

Oct' 2023 - Dec' 2023

- Developed a Grocery Store Stimulation using Java with core data structures such as arrays, linked lists, and hash maps.
- Implemented functionalities for Input Validation, More Complex Pricing Rules, GUI Integration, and Persistent Storage.
- Optimized product search and organization using efficient data storage and retrieval algorithms.
- Github Repository Link: [Link](#)

### Certificates

Azure Data Fundamentals

July 2024

Microsoft

Data Science and Analytics using R

July 2024

Foxxmulla & Expertrons

### Technical Skills

**Languages:** Java, Python, MySQL, R.

**Technologies/Frameworks:** HTML,CSS, JavaScript, Node JS, Git, GitHub, Ubuntu.

**Skills:** Data Structures and Algorithms,Data Analytics, Regression and Classification, Problem-Solving.

### Education

Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 7.80

Jalandhar, Punjab

Narayana junior college

2021– 2022

12th with Science — Percentage: 95%

Tirupathi, Andhra Pradesh

Bhashaym School

2019 – 2020

10th with Science — CGPA: 10

Tirupathi, Andhra Pradesh